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Data; ID- Inadequate Data; LD- Limited Data; TR- Not Temporally Representative; SR- Not Spatially Representative; SM- Superceded by another method;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: 2101 Nueces River Tidal

Water body type: Tidal Stream						Water	body size:		12	М	liles	
YEAR	<u>AU ID</u>	Assessment Area (AU)	<u># of</u> <u>Samples</u>	<u>#</u> Assessed	<u># of</u> <u>Exc</u>	<u>Mean of</u> <u>Assessed</u>	<u>Criteria</u>	<u>Dataset</u> <u>Qualifier</u>	<u>2008</u> <u>Supp</u>	<u>Integ</u> Supp	<u>Imp</u> Category	<u>Carry</u> <u>Forward</u>
Aquatic Life Use												
Acute Toxic Substances in water												
2006 Multiple Chronic Toxic Substances in water	2101_01	Entire segment	7	7	0			LD	NC	NC		No
2006 Multiple Dissolved Oxygen 24hr average	2101_01	Entire segment	7	7				LD	NC	NC		No
2008 Dissolved Oxygen 24hr Avg Dissolved Oxygen 24hr minimum	2101_01	Entire segment	9	9	0		4.00	LD	NC	NC		No
2008 Dissolved Oxygen 24hr Min Dissolved Oxygen grab minimum	2101_01	Entire segment	9	9	1		3.00	LD	NC	NC		No
2008 Dissolved Oxygen Grab Dissolved Oxygen grab screening level	2101_01	Entire segment	185	84	0		3.00	AD	FS	FS		No
2008 Dissolved Oxygen Grab Fish Community	2101_01	Entire segment	185	84	2		4.00	AD	NC	NC		No
2006 Fish Community Habitat	2101_01	Entire segment	0	0				ID	NA	NA		No
2006 Habitat Macrobenthic Community	2101_01	Entire segment	0	0				ID	NA	NA		No
2006 Macrobenthic Community Toxic Substances in sediment	2101_01	Entire segment	0	0				ID	NA	NA		No
2006 Multiple Fish Consumption Use	2101_01	Entire segment	3	3				ID	NA	NA		No
HH Bioaccumulative Toxics in water												
2006 Multiple	2101_01	Entire segment	3	3				ID	NA	NA		No

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- Superceded 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: 2101 Nueces River Tidal

Water body type: Tidal Stre	am					Wate	r body size:		12	М	liles	
YEAR	<u>AU ID</u>	Assessment Area (AU)	<u># of</u> <u>Samples</u>	<u>#</u> Assessed	<u># of</u> <u>Exc</u>	<u>Mean of</u> Assessed	<u>Criteria</u>	<u>Dataset</u> <u>Qualifier</u>	<u>2008</u> <u>Supp</u>	<u>Integ</u> Supp		<u>Carry</u> Forward
General Use												
High pH												
2008 рН	2101_01	Entire segment	185	84	0		9.00	AD	FS	FS		No
Low pH												
2008 рН	2101_01	Entire segment	185	84	0		6.50	AD	FS	FS		No
Nutrient Screening Levels												
2008 Ammonia	2101_01	Entire segment	28	28	0		0.46	AD	NC	NC		No
2008 Chlorophyll-a	2101_01	Entire segment	27	27	9		21.00	AD	CS	CS		No
2008 Nitrate	2101_01	Entire segment	28	28	0		1.10	AD	NC	NC		No
2008 Orthophosphorus	2101_01	Entire segment	28	28	0		0.46	AD	NC	NC		No
2008 Total Phosphorus	2101_01	Entire segment	28	28	0		0.66	AD	NC	NC		No
Water Temperature												
2008 Temperature	2101_01	Entire segment	185	84	0		35.00	AD	FS	FS		No
Recreation Use												
Bacteria Geomean												
2008 Enterococcus	2101_01	Entire segment	23	23	0	15.34	35.00	AD	FS	FS		No
2008 Fecal coliform	2101_01	Entire segment	12	12	0	4.80	200.00	SM	FS	FS		No
Bacteria Single Sample	—	-										
2008 Enterococcus	2101_01	Entire segment	23	23	2		89.00	AD	FS	FS		No
2008 Fecal coliform	2101_01	Entire segment	12	12	0		400.00	SM	FS	FS		No

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## 2102 Nueces River Below Lake Corpus Christi

Segment ID:

Water body type: Freshwater Stre	eam					Wate	r body size:		39	Μ	liles	
YEAR	<u>AU ID</u>	Assessment Area (AU)	<u># of</u> <u>Samples</u>	<u>#</u> Assessed	<u># of</u> <u>Exc</u>	<u>Mean of</u> <u>Assessed</u>	<u>Criteria</u>	<u>Dataset</u> Qualifier	<u>2008</u> <u>Supp</u>	<u>Integ</u> Supp	<u>Imp</u> Category	<u>Carry</u> <u>Forward</u>
Aquatic Life Use												
Dissolved Oxygen 24hr average												
2006 Dissolved Oxygen 24hr Avg	2102_01	Lower 25 miles of segment	0	0			5.00	ID	NA	NA		No
2006 Dissolved Oxygen 24hr Avg Dissolved Oxygen 24hr minimum	2102_02	Upper 14 miles of segment	0	0			5.00	ID	NA	NA		No
2006 Dissolved Oxygen 24hr Min	2102_01	Lower 25 miles of segment	0	0			3.00	ID	NA	NA		No
2006 Dissolved Oxygen 24hr Min Dissolved Oxygen grab minimum	2102_02	Upper 14 miles of segment	0	0			3.00	ID	NA	NA		No
2008 Dissolved Oxygen Grab	2102_01	Lower 25 miles of segment	34	28	0		3.00	AD	FS	FS		No
2008 Dissolved Oxygen Grab Dissolved Oxygen grab screening level	2102_02	Upper 14 miles of segment	28	28	0		3.00	AD	FS	FS		No
2008 Dissolved Oxygen Grab	2102_01	Lower 25 miles of segment	34	28	1		5.00	AD	NC	NC		No
2008 Dissolved Oxygen Grab Fish Community	2102_02	Upper 14 miles of segment	28	28	0		5.00	AD	NC	NC		No
2006 Fish Community Habitat	2102_01	Lower 25 miles of segment	0	0				ID	NA	NA		No
2006 Habitat Macrobenthic Community	2102_01	Lower 25 miles of segment	0	0				ID	NA	NA		No
2006 Macrobenthic Community	2102_01	Lower 25 miles of segment	0	0				ID	NA	NA		No

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- Superceded 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.

#### **Nueces River Below Lake Corpus Christi** Segment ID: 2102

Water body type: Freshwater	Stream					Wate	er body size:		39	Μ	iles	
YEAR	<u>AU ID</u>	Assessment Area (AU)	<u># of</u> <u>Samples</u>	<u>#</u> Assessed	<u># of</u> <u>Exc</u>	<u>Mean of</u> Assessed	<u>Criteria</u>	<u>Dataset</u> Qualifier	<u>2008</u> <u>Supp</u>	<u>Integ</u> Supp	<u>Imp</u> Category	<u>Carry</u> Forwa
General Use	_											
Dissolved Solids												
2008 Chloride	2102_01	Lower 25 miles of segment	56	56		107.86	250.00	AD	FS	FS		No
2008 Chloride	2102_02	Upper 14 miles of segment	56	56		107.86	250.00	AD	FS	FS		No
2008 Sulfate	2102_01	Lower 25 miles of segment	56	56		43.07	250.00	AD	FS	FS		No
2008 Sulfate	2102_02	Upper 14 miles of segment	56	56		43.07	250.00	AD	FS	FS		No
2008 Total Dissolved Solids	2102_01	Lower 25 miles of segment	68	68		425.35	500.00	AD	FS	FS		No
2008 Total Dissolved Solids	2102_02	Upper 14 miles of segment	68	68		425.35	500.00	AD	FS	FS		No
High pH												
2008 рН	2102_01	Lower 25 miles of segment	34	28	0		9.00	AD	FS	FS		Ν
2008 рН	2102_02	Upper 14 miles of segment	28	28	0		9.00	AD	FS	FS		Ν
Low pH												
2008 рН	2102_01	Lower 25 miles of segment	34	28	0		6.50	AD	FS	FS		N
2008 рН	2102_02	Upper 14 miles of segment	28	28	0		6.50	AD	FS	FS		N
Nutrient Screening Levels	2102 01	L 05 11 6	20	20	0		0.22					
2008 Ammonia	2102_01	Lower 25 miles of segment	28	28	0		0.33	AD	NC	NC		N
2008 Ammonia	2102_02	Upper 14 miles of segment	28	28	0		0.33	AD	NC	NC		N
2008 Chlorophyll-a	2102_01	Lower 25 miles of segment	24	24	8		14.10	AD	CS	CS		N
2008 Chlorophyll-a	2102_02	Upper 14 miles of segment	24	24	5		14.10	AD	NC	NC		N
2008 Nitrate	2102_01	Lower 25 miles of segment	28	28	0		1.95	AD	NC	NC		N
2008 Nitrate	2102_02	Upper 14 miles of segment	28	28	0		1.95	AD	NC	NC		Ν
2008 Orthophosphorus	2102_01	Lower 25 miles of segment	15	15	0		0.37	AD	NC	NC		Ν
2008 Orthophosphorus	2102_02	Upper 14 miles of segment	15	15	0		0.37	AD	NC	NC		N
2008 Total Phosphorus	2102_01	Lower 25 miles of segment	28	28	0		0.69	AD	NC	NC		Ν
2008 Total Phosphorus	2102_02	Upper 14 miles of segment	28	28	0		0.69	AD	NC	NC		N
Water Temperature												
2008 Temperature	2102_01	Lower 25 miles of segment	40	34	0		32.80	AD	FS	FS		Ν
2008 Temperature	2102_02	Upper 14 miles of segment	34	34	0		32.80	AD	FS	FS		Ν

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## Segment ID: 2102 Nueces River Below Lake Corpus Christi

Water body type: Fres	shwater Stream					Wate	er body size:		39	М	liles
YEAR	<u>AU ID</u>	Assessment Area (AU)	<u># of</u> <u>Samples</u>	<u>#</u> Assessed	<u># of</u> <u>Exc</u>	<u>Mean of</u> Assessed	<u>Criteria</u>	<u>Dataset</u> Qualifier	<u>2008</u> <u>Supp</u>	<u>Integ</u> Supp	<u>Imp Car</u> <u>Category</u> Forv
Public Water Supply Use											
Finished Drinking Water D	Dissolved Solids average										
2008 Multiple	2102_01	Lower 25 miles of segment						OE	NC	NC	Ν
2008 Multiple	2102_02	Upper 14 miles of segment						OE	NC	NC	Ν
Finished Drinking Water N	ICLs and Toxic Substan	ices running average									
2008 Multiple	2102_01	Lower 25 miles of segment						OE	FS	FS	Ν
2008 Multiple	2102_02	Upper 14 miles of segment						OE	FS	FS	Ν
Finished Drinking Water N	ICLs Concern										
2008 Multiple	2102_01	Lower 25 miles of segment						OE	NC	NC	Ν
2008 Multiple	2102_02	Upper 14 miles of segment						OE	NC	NC	Ν
Recreation Use											
Bacteria Geomean											
2008 E. coli	2102_01	Lower 25 miles of segment	28	28	0	56.61	126.00	AD	FS	FS	Ν
2008 E. coli	2102_02	Upper 14 miles of segment	28	28	0	16.01	126.00	AD	FS	FS	Ν
2008 Fecal coliform	2102_01	Lower 25 miles of segment	15	15	0	90.21	200.00	SM	FS	FS	Ν
2008 Fecal coliform	2102_02	Upper 14 miles of segment	15	15	0	42.69	200.00	SM	FS	FS	Ν
Bacteria Single Sample											
2008 E. coli	2102_01	Lower 25 miles of segment	28	28	1		394.00	AD	FS	FS	Ν
2008 E. coli	2102_02	Upper 14 miles of segment	28	28	0		394.00	AD	FS	FS	Ν
2008 Fecal coliform	2102_01	Lower 25 miles of segment	15	15	1		400.00	SM	FS	FS	Ν
2008 Fecal coliform	2102_02	Upper 14 miles of segment	15	15	0		400.00	SM	FS	FS	Ν

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Water body type: Reservoir						Water body	size:	2	1,900	А	cres	
YEAR	<u>AU ID</u>	Assessment Area (AU)	<u># of</u> <u>Samples</u>	<u>#</u> Assessed	<u># of</u> <u>Exc</u>	<u>Mean of</u> <u>Assessed Crite</u>	eria	<u>Dataset</u> <u>Qualifier</u>	<u>2008</u> <u>Supp</u>	<u>Integ</u> Supp	<u>Imp</u> Category	<u>Carry</u> Forward
Aquatic Life Use												
Acute Toxic Substances in water												
2006 Multiple Chronic Toxic Substances in water	2103_01	Mid-lake near dam	16	16	0			AD	FS	FS		No
2006 Multiple Dissolved Oxygen grab minimum	2103_01	Mid-lake near dam	16	16				AD	FS	FS		No
2008 Dissolved Oxygen Grab	2103_01	Mid-lake near dam	142	45	0		3.00	AD	FS	FS		No
2008 Dissolved Oxygen Grab	2103_02	Area approx. 4 mi. SE of FM 3162 and FM 534 intersection near western shore	63	22	0		3.00	AD	FS	FS		No
2008 Dissolved Oxygen Grab	2103_03	Western arm of lake near Lagarto Creek inlet	16	10	0		3.00	AD	FS	FS		No
2008 Dissolved Oxygen Grab	2103_04	Upper portion of lake on opposite shore from Hideaway Hill	22	14	0		3.00	AD	FS	FS		No
2008 Dissolved Oxygen Grab	2103_05	Upper arm of lake at FM 534 crossing	42	18	0		3.00	AD	FS	FS		No
2008 Dissolved Oxygen Grab Dissolved Oxygen grab screening level	2103_06	Remainder of lake	21	17	0		3.00	AD	FS	FS		No
2008 Dissolved Oxygen Grab	2103_01	Mid-lake near dam	142	45	1		5.00	AD	NC	NC		No
2008 Dissolved Oxygen Grab	2103_02	Area approx. 4 mi. SE of FM 3162 and FM 534 intersection near western shore	63	22	0		5.00	AD	NC	NC		No
2008 Dissolved Oxygen Grab	2103_03	Western arm of lake near Lagarto Creek inlet	16	10	0		5.00	AD	NC	NC		No
2008 Dissolved Oxygen Grab	2103_04	Upper portion of lake on opposite shore from Hideaway Hill	22	14	1		5.00	AD	NC	NC		No
2008 Dissolved Oxygen Grab	2103_05	Upper arm of lake at FM 534 crossing	42	18	1		5.00	AD	NC	NC		No
2008 Dissolved Oxygen Grab	2103_06	Remainder of lake	21	17	0		5.00	AD	NC	NC		No

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Water body type	: Reservoir					Water b	ody size:	2	1,900	A	cres	
YEAR	<u>AU ID</u>	Assessment Area (AU)	<u># of</u> Samples	<u>#</u> Assessed	<u># of</u> <u>Exc</u>	<u>Mean of</u> Assessed	<u>Criteria</u>	<u>Dataset</u> Qualifier	<u>2008</u> <u>Supp</u>	<u>Integ</u> Supp	<u>Imp</u> Category	<u>Carry</u> Forward
Aquatic Life Use												
Toxic Substances in	sediment											
2006 Multiple	2103_01	Mid-lake near dam	2	2	0			ID	NA	NA		No
2006 Multiple	2103_02	Area approx. 4 mi. SE of FM 3162 and FM 534 intersection near western shore	2	2	0			ID	NA	NA		No
2006 Multiple	2103_03	Western arm of lake near Lagarto Creek inlet	2	2	0			ID	NA	NA		No
2006 Multiple	2103_04	Upper portion of lake on opposite shore from Hideaway Hill	2	2	0			ID	NA	NA		No
2006 Multiple	2103_05	Upper arm of lake at FM 534 crossing	2	2	0			ID	NA	NA		No
2006 Multiple	2103_06	Remainder of lake	2	2	0			ID	NA	NA		No
Fish Consumption U	se											
HH Bioaccumulativ	e Toxics in water											
2006 Multiple	2103_01	Mid-lake near dam	17	17				AD	FS	FS		No
2006 Multiple	2103_02	Area approx. 4 mi. SE of FM 3162 and FM 534 intersection near western shore	17	17				AD	FS	FS		No
2006 Multiple	2103_03	Western arm of lake near Lagarto Creek inlet	17	17				AD	FS	FS		No
2006 Multiple	2103_04	Upper portion of lake on opposite shore from Hideaway Hill	17	17				AD	FS	FS		No
2006 Multiple	2103_05	Upper arm of lake at FM 534 crossing	17	17				AD	FS	FS		No
2006 Multiple	2103_06	Remainder of lake	17	17				AD	FS	FS		No

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Wate	er body type: Reservoir						Wate	r body size:	2	1,900	А	cres	
YEAR		<u>AU ID</u>	Assessment Area (AU)	<u># of</u> Samples	<u>#</u> Assessed	<u># of</u> <u>Exc</u>	<u>Mean of</u> <u>Assessed</u>	<u>Criteria</u>	<u>Dataset</u> Qualifier	<u>2008</u> <u>Supp</u>	<u>Integ</u> Supp	<u>Imp</u> Category	<u>Carry</u> Forwa
Genera	nl Use	_											
Dissol	ved Solids												
2008	Chloride	2103_01	Mid-lake near dam	74	74		120.17	250.00	AD	FS	FS		No
2008	Chloride	2103_02	Area approx. 4 mi. SE of FM 3162 and FM 534 intersection near western shore	74	74		120.17	250.00	AD	FS	FS		No
2008	Chloride	2103_03	Western arm of lake near Lagarto Creek inlet	74	74		120.17	250.00	AD	FS	FS		No
2008	Chloride	2103_04	Upper portion of lake on opposite shore from Hideaway Hill	74	74		120.17	250.00	AD	FS	FS		No
2008	Chloride	2103_05	Upper arm of lake at FM 534 crossing	74	74		120.17	250.00	AD	FS	FS		No
2008	Chloride	2103_06	Remainder of lake	74	74		120.17	250.00	AD	FS	FS		No
2008	Sulfate	2103_01	Mid-lake near dam	74	74		51.60	250.00	AD	FS	FS		No
2008	Sulfate	2103_02	Area approx. 4 mi. SE of FM 3162 and FM 534 intersection near western shore	74	74		51.60	250.00	AD	FS	FS		No
2008	Sulfate	2103_03	Western arm of lake near Lagarto Creek inlet	74	74		51.60	250.00	AD	FS	FS		No
2008	Sulfate	2103_04	Upper portion of lake on opposite shore from Hideaway Hill	74	74		51.60	250.00	AD	FS	FS		No
2008	Sulfate	2103_05	Upper arm of lake at FM 534 crossing	74	74		51.60	250.00	AD	FS	FS		No
2008	Sulfate	2103_06	Remainder of lake	74	74		51.60	250.00	AD	FS	FS		No
2008	Total Dissolved Solids	2103_01	Mid-lake near dam	143	143		478.60	500.00	AD	FS	FS		No
2008	Total Dissolved Solids	2103_02	Area approx. 4 mi. SE of FM 3162 and FM 534 intersection near western shore	143	143		478.60	500.00	AD	FS	FS		No
2008	Total Dissolved Solids	2103_03	Western arm of lake near Lagarto Creek inlet	143	143		478.60	500.00	AD	FS	FS		No
2008	Total Dissolved Solids	2103_04	Upper portion of lake on opposite shore from Hideaway Hill	143	143		478.60	500.00	AD	FS	FS		No
2008	Total Dissolved Solids	2103_05	Upper arm of lake at FM 534 crossing	143	143		478.60	500.00	AD	FS	FS		No
2008	Total Dissolved Solids	2103_06	Remainder of lake	143	143		478.60	500.00	AD	FS	FS		No

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- Limited Data; TR- Not Temporally Representative; SR- Not Spatially Representative; SM- Superceded by another method; ID- Accesser Indexprese Indexpresentative; SM- Superceded 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.

Water body type: Re	servoir					Water	body size:	2	1,900	А	cres
YEAR	<u>AU ID</u>	Assessment Area (AU)	<u># of</u> Samples	<u>#</u> Assessed	<u># of</u> <u>Exc</u>	<u>Mean of</u> <u>Assessed</u>	<u>Criteria</u>	<u>Dataset</u> Qualifier	<u>2008</u> <u>Supp</u>	<u>Integ</u> Supp	<u>Imp</u> <u>Car</u> <u>Category</u> Forw
General Use											
High pH											
2008 pH	2103_01	Mid-lake near dam	143	45	0		9.00	AD	FS	FS	No
2008 pH	2103_02	Area approx. 4 mi. SE of FM 3162 and FM 534 intersection near western shore	66	23	0		9.00	AD	FS	FS	No
2008 рН	2103_03	Western arm of lake near Lagarto Creek inlet	16	10	0		9.00	AD	FS	FS	No
2008 pH	2103_04	Upper portion of lake on opposite shore from Hideaway Hill	19	10	0		9.00	AD	FS	FS	No
2008 pH	2103_05	Upper arm of lake at FM 534 crossing	42	18	0		9.00	AD	FS	FS	No
2008 рН	2103_06	Remainder of lake	21	17	0		9.00	AD	FS	FS	No
Low pH											
2008 рН	2103_01	Mid-lake near dam	143	45	0		6.50	AD	FS	FS	No
2008 pH	2103_02	Area approx. 4 mi. SE of FM 3162 and FM 534 intersection near western shore	66	23	0		6.50	AD	FS	FS	No
2008 pH	2103_03	Western arm of lake near Lagarto Creek inlet	16	10	0		6.50	AD	FS	FS	No
2008 pH	2103_04	Upper portion of lake on opposite shore from Hideaway Hill	19	10	0		6.50	AD	FS	FS	No
2008 рН	2103_05	Upper arm of lake at FM 534 crossing	42	18	0		6.50	AD	FS	FS	No
2008 рН	2103_06	Remainder of lake	21	17	0		6.50	AD	FS	FS	No

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- Superceded 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.

Water body type: 1	Reservoir					Water	body size:	2	1,900	А	cres	
YEAR	<u>AU ID</u>	Assessment Area (AU)	<u># of</u> <u>Samples</u>	<u>#</u> Assessed	<u># of</u> <u>Exc</u>	<u>Mean of</u> <u>Assessed</u>	<u>Criteria</u>	<u>Dataset</u> Qualifier	<u>2008</u> <u>Supp</u>	<u>Integ</u> Supp	<u>Imp</u> Category	<u>Carry</u> Forward
General Use												
Nutrient Screening Leve	els											
2008 Ammonia	2103_01	Mid-lake near dam	26	26	0		0.11	AD	NC	NC		No
2008 Ammonia	2103_02	Area approx. 4 mi. SE of FM 3162 and FM 534 intersection near western shore	9	9	0		0.11	LD	NC	NC		No
2008 Ammonia	2103_06	Remainder of lake	17	17	0		0.11	AD	NC	NC		No
2008 Chlorophyll-a	2103_01	Mid-lake near dam	23	23	3		26.70	AD	NC	NC		No
2008 Chlorophyll-a	2103_02	Area approx. 4 mi. SE of FM 3162 and FM 534 intersection near western shore	9	9	4		26.70	LD	CS	CS		No
2008 Chlorophyll-a	2103_06	Remainder of lake	17	17	9		26.70	AD	CS	CS		No
2008 Nitrate	2103_01	Mid-lake near dam	26	26	1		0.37	AD	NC	NC		No
2008 Nitrate	2103_02	Area approx. 4 mi. SE of FM 3162 and FM 534 intersection near western shore	9	9	0		0.37	LD	NC	NC		No
2008 Nitrate	2103_06	Remainder of lake	17	17	2		0.37	AD	NC	NC		No
2008 Orthophosphorus	2103_01	Mid-lake near dam	11	11	10		0.05	AD	CS	CS		No
2008 Orthophosphorus	2103_06	Remainder of lake	4	4	2		0.05	LD	CS	CS		No
2008 Total Phosphorus	s 2103_01	Mid-lake near dam	26	26	8		0.20	AD	CS	CS		No
2008 Total Phosphorus	5 2103_02	Area approx. 4 mi. SE of FM 3162 and FM 534 intersection near western shore	9	9	2		0.20	LD	NC	NC		No
2008 Total Phosphorus	s 2103_06	Remainder of lake	17	17	5		0.20	AD	NC	NC		No

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; LD- Limited Data; TR- Not Temporally Representative; SN- Not Spatially Representative; SN- Supporting; CM- Not assessed; NC- No concern; Dataset Qualifiers: AD- Adequate Data; LD- Limited Data; TR- Not Temporally Representative; SN- Superceded by another method; NC- No concern; SN- Not Spatially Representative; SN- Superceded by another method; NC- No concern; SN- Support SN- Not Spatially Representative; SN- Support SN- Not Spatially Representative; SN- Support SN- Not SN- Not Spatially Representative; SN- Support SN- Not SN- No

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.

Water body type:	Reservoir					Water bo	dy size:	2	1,900	A	cres	
YEAR	<u>AU ID</u>	Assessment Area (AU)	<u># of</u> Samples	<u>#</u> Assessed	<u># of</u> <u>Exc</u>	<u>Mean of</u> <u>Assessed <u>(</u></u>	Criteria	<u>Dataset</u> <u>Qualifier</u>	<u>2008</u> <u>Supp</u>	<u>Integ</u> Supp	<u>Imp</u> <u>Category</u>	<u>Carry</u> <u>Forward</u>
General Use												
Water Temperature												
2008 Temperature	2103_01	Mid-lake near dam	143	45	0		33.90	AD	FS	FS		No
2008 Temperature	2103_02	Area approx. 4 mi. SE of FM 3162 and FM 534 intersection near western shore	66	23	0		33.90	AD	FS	FS		No
2008 Temperature	2103_03	Western arm of lake near Lagarto Creek inlet	16	10	1		33.90	AD	FS	FS		No
2008 Temperature	2103_04	Upper portion of lake on opposite shore from Hideaway Hill	19	10	0		33.90	AD	FS	FS		No
2008 Temperature	2103_05	Upper arm of lake at FM 534 crossing	42	18	0		33.90	AD	FS	FS		No
2008 Temperature	2103_06	Remainder of lake	21	17	0		33.90	AD	FS	FS		No

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- Superceded 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: 2103	Lake Co	rpus Christi										
Water body type: Reserve	oir					Water	· body size:	2	1,900	A	cres	
<u>YEAR</u>	<u>AU ID</u>	Assessment Area (AU)	<u># of</u> <u>Samples</u>	<u>#</u> Assessed	<u># of</u> <u>Exc</u>	<u>Mean of</u> <u>Assessed</u>	<u>Criteria</u>	<u>Dataset</u> <u>Qualifier</u>	<u>2008</u> <u>Supp</u>	<u>Integ</u> Supp	<u>Imp</u> Category	<u>Carry</u> Forward
Public Water Supply Use												
Finished Drinking Water Disso	olved Solids average											
2008 Multiple	2103_01	Mid-lake near dam						OE	NC	NC		No
2008 Multiple	2103_02	Area approx. 4 mi. SE of FM 3162 and FM 534 intersection near western shore						OE	NC	NC		No
2008 Multiple	2103_03	Western arm of lake near Lagarto Creek inlet						OE	NC	NC		No
2008 Multiple	2103_04	Upper portion of lake on opposite shore from Hideaway Hill						OE	NC	NC		No
2008 Multiple	2103_05	Upper arm of lake at FM 534 crossing						OE	NC	NC		No
2008 Multiple	2103_06	Remainder of lake						OE	NC	NC		No
Finished Drinking Water MCI	s and Toxic Substan	ices running average										
2008 Multiple	2103_01	Mid-lake near dam						OE	FS	FS		No
2008 Multiple	2103_02	Area approx. 4 mi. SE of FM 3162 and FM 534 intersection near western shore						OE	FS	FS		No
2008 Multiple	2103_03	Western arm of lake near Lagarto Creek inlet						OE	FS	FS		No
2008 Multiple	2103_04	Upper portion of lake on opposite shore from Hideaway Hill						OE	FS	FS		No
2008 Multiple	2103_05	Upper arm of lake at FM 534 crossing						OE	FS	FS		No
2008 Multiple	2103_06	Remainder of lake						OE	FS	FS		No

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- Superceded 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:** 2103 Lake Corpus Christi Water body type: 21,900 Reservoir Water body size: Acres # of # Mean of Dataset 2008 Integ # of Imp Carry AU ID Assessment Area (AU) <u>Qualifier</u> YEAR Samples Assessed Exc Assessed Criteria <u>Supp</u> Supp Category Forward Public Water Supply Use **Finished Drinking Water MCLs Concern** Mid-lake near dam OE NC 2008 Multiple 2103 01 NC No Area approx. 4 mi. SE of FM 3162 and FM 2008 Multiple 2103 02 OE NC NC No 534 intersection near western shore 2008 Multiple 2103 03 Western arm of lake near Lagarto Creek OE NC NC No inlet Upper portion of lake on opposite shore 2008 2103 04 OE NC NC No Multiple from Hideaway Hill 2008 2103 05 Upper arm of lake at FM 534 crossing OE NC NC No Multiple 2008 Multiple 2103 06 Remainder of lake OE NC NC No

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- Superceded 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.

Wate	er body type: Reservoir						Wate	r body size:	2	1,900	А	cres	
YEAR	<u>l</u>	<u>AU ID</u>	Assessment Area (AU)	<u># of</u> Samples	<u>#</u> Assessed	<u># of</u> <u>Exc</u>	<u>Mean of</u> <u>Assessed</u>	<u>Criteria</u>	<u>Dataset</u> Qualifier	<u>2008</u> <u>Supp</u>	<u>Integ</u> Supp	<u>Imp</u> <u>Category</u>	<u>Carry</u> Forward
Public	Water Supply Use	_											
Surfac	ce Water HH criteria for PWS	average											
2006	Multiple	2103_01	Mid-lake near dam	17	17				AD	FS	FS		No
2006	Multiple	2103_02	Area approx. 4 mi. SE of FM 3162 and FM 534 intersection near western shore	17	17				AD	FS	FS		No
2006	Multiple	2103_03	Western arm of lake near Lagarto Creek inlet	17	17				AD	FS	FS		No
2006	Multiple	2103_04	Upper portion of lake on opposite shore from Hideaway Hill	17	17				AD	FS	FS		No
2006	Multiple	2103_05	Upper arm of lake at FM 534 crossing	17	17				AD	FS	FS		No
2006	Multiple	2103_06	Remainder of lake	17	17				AD	FS	FS		No
2006	Nitrate	2103_01	Mid-lake near dam	30	30		0.08	10.00	AD	FS	FS		No
2006	Nitrate	2103_02	Area approx. 4 mi. SE of FM 3162 and FM 534 intersection near western shore	30	30		0.08	10.00	AD	FS	FS		No
2006	Nitrate	2103_03	Western arm of lake near Lagarto Creek inlet	30	30		0.08	10.00	AD	FS	FS		No
2006	Nitrate	2103_04	Upper portion of lake on opposite shore from Hideaway Hill	30	30		0.08	10.00	AD	FS	FS		No
2006	Nitrate	2103_05	Upper arm of lake at FM 534 crossing	30	30		0.08	10.00	AD	FS	FS		No
2006	Nitrate	2103_06	Remainder of lake	30	30		0.08	10.00	AD	FS	FS		No
Surfac	ce Water Toxic Substances ave	erage concern											
2006	MTBE	2103_01	Mid-lake near dam	2	2		0.01	15.00	ID	NA	NA		No

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- Superceded 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.

Water body type: Reservo	ir					Wate	er body size:	2	1,900	A	cres	
YEAR	<u>AU ID</u>	Assessment Area (AU)	<u># of</u> Samples	<u>#</u> Assessed	<u># of</u> <u>Exc</u>	<u>Mean of</u> Assessed	<u>Criteria</u>	<u>Dataset</u> Qualifier	<u>2008</u> <u>Supp</u>	<u>Integ</u> Supp	<u>Imp</u> <u>Category</u>	<u>Carry</u> Forward
Recreation Use	_											
Bacteria Geomean												
2008 E. coli	2103_01	Mid-lake near dam	26	26	0	2.03	126.00	AD	FS	FS		No
2008 E. coli	2103_02	Area approx. 4 mi. SE of FM 3162 and FM 534 intersection near western shore	9	9	0	2.48	126.00	LD	NC	NC		No
2008 E. coli	2103_06	Remainder of lake	16	16	0	12.44	126.00	AD	FS	FS		No
2008 Fecal coliform	2103_01	Mid-lake near dam	13	13	0	3.78	200.00	SM	FS	FS		No
2008 Fecal coliform Bacteria Single Sample	2103_06	Remainder of lake	3	3	0	4.72	200.00	SM	NA	NA		No
2008 E. coli	2103_01	Mid-lake near dam	26	26	1		394.00	AD	FS	FS		No
2008 E. coli	2103_02	Area approx. 4 mi. SE of FM 3162 and FM 534 intersection near western shore	9	9	0		394.00	LD	NC	NC		No
2008 E. coli	2103_06	Remainder of lake	16	16	1		394.00	AD	FS	FS		No
2008 Fecal coliform	2103_01	Mid-lake near dam	13	13	1		400.00	SM	FS	FS		No
2008 Fecal coliform	2103_06	Remainder of lake	3	3	0		400.00	SM	NA	NA		No

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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: 2104 Nueces River Above Frio River

Water body type: Freshwater St	ream					Wate	er body size:		91	М	liles	
YEAR	<u>AU ID</u>	Assessment Area (AU)	<u># of</u> <u>Samples</u>	<u>#</u> Assessed	<u># of</u> <u>Exc</u>	<u>Mean of</u> <u>Assessed</u>	<u>Criteria</u>	<u>Dataset</u> Qualifier	<u>2008</u> <u>Supp</u>	<u>Integ</u> Supp	<u>Imp</u> Category	<u>Carry</u> Forwa
Aquatic Life Use												
Acute Toxic Substances in water												
2006 Multiple Chronic Toxic Substances in water	2104_02	25 miles surrounding State Highway 16	16	16	0			AD	FS	FS		No
2006 Multiple Dissolved Oxygen 24hr average	2104_02	25 miles surrounding State Highway 16	16	16				AD	FS	FS		No
2008 Dissolved Oxygen 24hr Avg	2104_01	Lower 20 miles of segment	11	11	0		5.00	AD	FS	FS		No
2008 Dissolved Oxygen 24hr Avg	2104_02	25 miles surrounding State Highway 16	14	14	0		5.00	AD	FS	FS		No
2008 Dissolved Oxygen 24hr Avg Dissolved Oxygen 24hr minimum	2104_03	Upper 46 miles of segment	11	11	2		5.00	AD	FS	FS		No
2008 Dissolved Oxygen 24hr Min	2104_01	Lower 20 miles of segment	11	11	0		3.00	AD	FS	FS		No
2008 Dissolved Oxygen 24hr Min	2104_02	25 miles surrounding State Highway 16	14	14	0		3.00	AD	FS	FS		No
2008 Dissolved Oxygen 24hr Min	2104_03	Upper 46 miles of segment	11	11	1		3.00	AD	FS	FS		N
Dissolved Oxygen grab minimum												
2008 Dissolved Oxygen Grab	2104_01	Lower 20 miles of segment	12	12	0		3.00	SM	FS	FS		Ν
2008 Dissolved Oxygen Grab	2104_02	25 miles surrounding State Highway 16	56	56	1		3.00	SM	FS	FS		Ν
2008 Dissolved Oxygen Grab	2104_03	Upper 46 miles of segment	12	12	1		3.00	SM	FS	FS		Ν
Dissolved Oxygen grab screening leve												
2008 Dissolved Oxygen Grab	2104_01	Lower 20 miles of segment	12	12	0		5.00	SM	NC	NC		Ν
2008 Dissolved Oxygen Grab	2104_02	25 miles surrounding State Highway 16	56	56	6		5.00	SM	NC	NC		N
2008 Dissolved Oxygen Grab	2104_03	Upper 46 miles of segment	12	12	3		5.00	SM	CS	CS		Ν
Fish Community												
2008 Fish Community	2104_01	Lower 20 miles of segment	2	2		32.50	37.00	JQ	CN	CN		N
2008 Fish Community	2104_02	25 miles surrounding State Highway 16	2	2		33.00	37.00	JQ	CN	CN		Ν
2008 Fish Community	2104_03	Upper 46 miles of segment	2	2		31.00	37.00	JQ	CN	CN		Ν
Habitat	0104 01		2	2		10.50	20.00	10	00	00		
2008 Habitat	2104_01	Lower 20 miles of segment	2	2		19.50	20.00	JQ	CS	CS		N
2008 Habitat	2104_02	25 miles surrounding State Highway 16	2	2		21.00	20.00	JQ	NC	NC		N
2008 Habitat	2104_03	Upper 46 miles of segment	2	2		21.00	20.00	JQ	NC	NC		N

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- Superceded 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: 2104 Nueces River Above Frio River

Water body type: Freshwater Str	eam					Wate	r body size:		91	М	liles	
YEAR	<u>AU ID</u>	Assessment Area (AU)	<u># of</u> Samples	<u>#</u> Assessed	<u># of</u> <u>Exc</u>	<u>Mean of</u> <u>Assessed</u>	<u>Criteria</u>	<u>Dataset</u> Qualifier	<u>2008</u> <u>Supp</u>	<u>Integ</u> Supp	<u>Imp</u> Category	<u>Carry</u> Forward
Aquatic Life Use												
Macrobenthic Community												
2008 Macrobenthic Community	2104_01	Lower 20 miles of segment	2	2		23.50	29.00	JQ	CN	CN		No
2008 Macrobenthic Community	2104_02	25 miles surrounding State Highway 16	2	2		29.00	29.00	JQ	FS	FS		No
2008 Macrobenthic Community	2104_03	Upper 46 miles of segment	2	2		30.50	29.00	JQ	FS	FS		No
Fish Consumption Use												
HH Bioaccumulative Toxics in water												
2006 Multiple	2104_01	Lower 20 miles of segment	16	16				AD	FS	FS		No
2006 Multiple	2104_02	25 miles surrounding State Highway 16	16	16				AD	FS	FS		No
2006 Multiple	2104_03	Upper 46 miles of segment	16	16				AD	FS	FS		No

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- Superceded 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.

#### **Nueces River Above Frio River** Segment ID: 2104

Water body type: Freshwater	Stream					Wate	r body size:		91	Μ	liles
YEAR	<u>AU ID</u>	Assessment Area (AU)	<u># of</u> <u>Samples</u>	<u>#</u> Assessed	<u># of</u> <u>Exc</u>	<u>Mean of</u> <u>Assessed</u>	<u>Criteria</u>	<u>Dataset</u> Qualifier	<u>2008</u> <u>Supp</u>	<u>Integ</u> Supp	<u>Imp</u> <u>Carry</u> Category Forward
General Use	_										
Dissolved Solids											
2008 Chloride	2104_01	Lower 20 miles of segment	80	80		185.90	700.00	AD	FS	FS	No
2008 Chloride	2104_02	25 miles surrounding State Highway 16	80	80		185.90	700.00	AD	FS	FS	No
2008 Chloride	2104_03	Upper 46 miles of segment	80	80		185.90	700.00	AD	FS	FS	No
2008 Sulfate	2104_01	Lower 20 miles of segment	77	77		42.76	300.00	AD	FS	FS	No
2008 Sulfate	2104_02	25 miles surrounding State Highway 16	77	77		42.76	300.00	AD	FS	FS	No
2008 Sulfate	2104_03	Upper 46 miles of segment	77	77		42.76	300.00	AD	FS	FS	No
2008 Total Dissolved Solids	2104_01	Lower 20 miles of segment	82	82		607.91	1,500.00	AD	FS	FS	No
2008 Total Dissolved Solids	2104_02	25 miles surrounding State Highway 16	82	82		607.91	1,500.00	AD	FS	FS	No
2008 Total Dissolved Solids	2104_03	Upper 46 miles of segment	82	82		607.91	1,500.00	AD	FS	FS	No
High pH											
2008 рН	2104_01	Lower 20 miles of segment	11	11	0		9.00	AD	FS	FS	No
2008 рН	2104_02	25 miles surrounding State Highway 16	57	57	0		9.00	AD	FS	FS	No
2008 рН	2104_03	Upper 46 miles of segment	13	13	0		9.00	AD	FS	FS	No
Low pH											
2008 рН	2104_01	Lower 20 miles of segment	11	11	0		6.50	AD	FS	FS	No
2008 рН	2104_02	25 miles surrounding State Highway 16	57	57	0		6.50	AD	FS	FS	No
2008 рН	2104_03	Upper 46 miles of segment	13	13	0		6.50	AD	FS	FS	No

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- Superceded 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.

#### **Nueces River Above Frio River** Segment ID: 2104

Water body type: Freshwate	er Stream					Water	body size:		91	Μ	liles	
YEAR	<u>AU ID</u>	Assessment Area (AU)	<u># of</u> <u>Samples</u>	<u>#</u> Assessed	<u># of</u> <u>Exc</u>	<u>Mean of</u> <u>Assessed</u>	<u>Criteria</u>	<u>Dataset</u> Qualifier	<u>2008</u> <u>Supp</u>	<u>Integ</u> Supp	<u>Imp</u> Category	<u>Carry</u> Forwar
General Use												
Nutrient Screening Levels												
2008 Ammonia	2104_01	Lower 20 miles of segment	11	11	0		0.33	AD	NC	NC		No
2008 Ammonia	2104_02	25 miles surrounding State Highway 16	54	54	0		0.33	AD	NC	NC		No
2008 Ammonia	2104_03	Upper 46 miles of segment	11	11	0		0.33	AD	NC	NC		No
2008 Chlorophyll-a	2104_01	Lower 20 miles of segment	12	12	0		14.10	AD	NC	NC		No
2008 Chlorophyll-a	2104_02	25 miles surrounding State Highway 16	35	35	3		14.10	AD	NC	NC		No
2008 Chlorophyll-a	2104_03	Upper 46 miles of segment	12	12	0		14.10	AD	NC	NC		No
2008 Nitrate	2104_01	Lower 20 miles of segment	12	12	1		1.95	AD	NC	NC		No
2008 Nitrate	2104_02	25 miles surrounding State Highway 16	55	55	0		1.95	AD	NC	NC		No
2008 Nitrate	2104_03	Upper 46 miles of segment	12	12	0		1.95	AD	NC	NC		No
2008 Orthophosphorus	2104_01	Lower 20 miles of segment	11	11	1		0.37	AD	NC	NC		No
2008 Orthophosphorus	2104_02	25 miles surrounding State Highway 16	41	41	1		0.37	AD	NC	NC		No
2008 Orthophosphorus	2104_03	Upper 46 miles of segment	11	11	0		0.37	AD	NC	NC		No
2008 Total Phosphorus	2104_01	Lower 20 miles of segment	10	10	0		0.69	AD	NC	NC		No
2008 Total Phosphorus	2104_02	25 miles surrounding State Highway 16	38	38	0		0.69	AD	NC	NC		No
2008 Total Phosphorus	2104_03	Upper 46 miles of segment	9	9	0		0.69	LD	NC	NC		No
Water Temperature												
2008 Temperature	2104_01	Lower 20 miles of segment	13	13	1		32.20	AD	FS	FS		No
2008 Temperature	2104_02	25 miles surrounding State Highway 16	63	63	0		32.20	AD	FS	FS		No
2008 Temperature	2104_03	Upper 46 miles of segment	13	13	0		32.20	AD	FS	FS		No

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- Superceded 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: 2104 Nueces River Above Frio River

Water	<b>body type:</b> Freshwater Stre	am					Water l	oody size:		91	М	iles	
<u>YEAR</u>		<u>AU ID</u>	Assessment Area (AU)	<u># of</u> Samples	<u>#</u> Assessed	<u># of</u> <u>Exc</u>	<u>Mean of</u> Assessed	<u>Criteria</u>	<u>Dataset</u> Qualifier	<u>2008</u> <u>Supp</u>	<u>Integ</u> Supp	<u>Imp</u> Category	<u>Carry</u> Forward
Public V	Vater Supply Use												
Finishee	d Drinking Water Dissolved Soli	ids average											
2008	Multiple	2104_01	Lower 20 miles of segment						OE	NC	NC		No
2008	Multiple	2104_02	25 miles surrounding State Highway 16						OE	NC	NC		No
2008	Multiple	2104_03	Upper 46 miles of segment						OE	NC	NC		No
Finishee	d Drinking Water MCLs and To	oxic Substan	ces running average										
2008	Multiple	2104_01	Lower 20 miles of segment						OE	FS	FS		No
2008	Multiple	2104_02	25 miles surrounding State Highway 16						OE	FS	FS		No
2008	Multiple	2104_03	Upper 46 miles of segment						OE	FS	FS		No
Finishee	d Drinking Water MCLs Conce	rn											
2008	Multiple	2104_01	Lower 20 miles of segment						OE	NC	NC		No
2008	Multiple	2104_02	25 miles surrounding State Highway 16						OE	NC	NC		No
2008	Multiple	2104_03	Upper 46 miles of segment						OE	NC	NC		No
Surface	Water HH criteria for PWS ave	erage											
2006	Multiple	2104_01	Lower 20 miles of segment	16	16				AD	FS	$\mathbf{FS}$		No
2006	Multiple	2104_02	25 miles surrounding State Highway 16	16	16				AD	FS	FS		No
2006	Multiple	2104_03	Upper 46 miles of segment	16	16				AD	FS	FS		No

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; LD- Limited Data; TR- Not Temporally Representative; SN- Superceded by another method; DA- Access bed represented by the formation in t

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: 2104 Nueces River Above Frio River

Water body type: Fres	hwater Stream					Wate	er body size:		91	М	liles	
YEAR	<u>AU ID</u>	Assessment Area (AU)	<u># of</u> <u>Samples</u>	<u>#</u> Assessed	<u># of</u> <u>Exc</u>	<u>Mean of</u> <u>Assessed</u>	<u>Criteria</u>	<u>Dataset</u> Qualifier	<u>2008</u> <u>Supp</u>	<u>Integ</u> <u>Supp</u>		<u>Carry</u> Forward
Recreation Use												
Bacteria Geomean												
2008 E. coli	2104_01	Lower 20 miles of segment	10	10	0	70.34	126.00	AD	FS	FS		No
2008 E. coli	2104_02	25 miles surrounding State Highway 16	35	35	0	55.88	126.00	AD	FS	FS		No
2008 E. coli	2104_03	Upper 46 miles of segment	8	8	0	52.04	126.00	LD	NC	NC		No
2008 Fecal coliform	2104_01	Lower 20 miles of segment	5	5	0	18.70	200.00	SM	NC	NC		No
2008 Fecal coliform	2104_02	25 miles surrounding State Highway 16	20	20	0	59.60	200.00	SM	FS	FS		No
2008 Fecal coliform	2104_03	Upper 46 miles of segment	5	5	0	20.79	200.00	SM	NC	NC		No
Bacteria Single Sample												
2008 E. coli	2104_01	Lower 20 miles of segment	10	10	0		394.00	AD	FS	FS		No
2008 E. coli	2104_02	25 miles surrounding State Highway 16	35	35	1		394.00	AD	FS	FS		No
2008 E. coli	2104_03	Upper 46 miles of segment	8	8	1		394.00	LD	NC	NC		No
2008 Fecal coliform	2104_01	Lower 20 miles of segment	5	5	1		400.00	SM	NC	NC		No
2008 Fecal coliform	2104_02	25 miles surrounding State Highway 16	20	20	3		400.00	SM	FS	FS		No
2008 Fecal coliform	2104_03	Upper 46 miles of segment	5	5	0		400.00	SM	NC	NC		No
		6 6 ,			2							

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- Superceded 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.

#### **Nueces River Above Holland Dam** Segment ID: 2105

Water body type: Freshwater Stre	eam					Water	· body size:		78	М	iles	
YEAR	<u>AU ID</u>	Assessment Area (AU)	<u># of</u> Samples	<u>#</u> Assessed	<u># of</u> <u>Exc</u>	Mean of Assessed	<u>Criteria</u>	<u>Dataset</u> <u>Qualifier</u>	<u>2008</u> <u>Supp</u>	<u>Integ</u> Supp	<u>Imp</u> Category	<u>Carry</u> <u>Forward</u>
Aquatic Life Use												
Dissolved Oxygen 24hr average												
2006 Dissolved Oxygen 24hr Avg	2105_01	Lower 25 miles of segment	0	0			5.00	ID	NA	NA		No
2006 Dissolved Oxygen 24hr Avg	2105_02	25 miles around FM 190	0	0			5.00	ID	NA	NA		No
Dissolved Oxygen 24hr minimum												
2006 Dissolved Oxygen 24hr Min	2105_01	Lower 25 miles of segment	0	0			3.00	ID	NA	NA		No
2006 Dissolved Oxygen 24hr Min	2105_02	25 miles around FM 190	0	0			3.00	ID	NA	NA		No
Dissolved Oxygen grab minimum												
2008 Dissolved Oxygen Grab	2105_01	Lower 25 miles of segment	24	24	2		3.00	AD	FS	FS		No
2006 Dissolved Oxygen Grab	2105_02	25 miles around FM 190	0	0			3.00	ID	NA	NA		No
Dissolved Oxygen grab screening level												
2008 Dissolved Oxygen Grab	2105_01	Lower 25 miles of segment	24	24	5		5.00	AD	CS	CS		No
2006 Dissolved Oxygen Grab	2105_02	25 miles around FM 190	0	0			5.00	ID	NA	NA		No

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- Superceded 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: 2105 Nueces River Above Holland Dam

Water body type: Freshwater	Stream					Wate	er body size:		78	М	iles	
YEAR	<u>AU ID</u>	Assessment Area (AU)	<u># of</u> <u>Samples</u>	<u>#</u> Assessed	<u># of</u> <u>Exc</u>	<u>Mean of</u> Assessed	<u>Criteria</u>	<u>Dataset</u> Qualifier	<u>2008</u> <u>Supp</u>	<u>Integ</u> Supp	<u>Imp</u> Category	<u>Carry</u> Forwar
General Use	_											
Dissolved Solids												
2008 Chloride	2105_01	Lower 25 miles of segment	26	26		76.73	200.00	AD	FS	FS		No
2008 Chloride	2105_02	25 miles around FM 190	26	26		76.73	200.00	AD	FS	FS		No
2008 Chloride	2105_03	Upper 28 miles of Segment	26	26		76.73	200.00	AD	FS	FS		No
2008 Sulfate	2105_01	Lower 25 miles of segment	26	26		49.00	200.00	AD	FS	FS		No
2008 Sulfate	2105_02	25 miles around FM 190	26	26		49.00	200.00	AD	FS	FS		No
2008 Sulfate	2105_03	Upper 28 miles of Segment	26	26		49.00	200.00	AD	FS	FS		No
2008 Total Dissolved Solids	2105_01	Lower 25 miles of segment	36	36		404.72	900.00	AD	FS	FS		No
2008 Total Dissolved Solids	2105_02	25 miles around FM 190	36	36		404.72	900.00	AD	FS	FS		No
2008 Total Dissolved Solids	2105_03	Upper 28 miles of Segment	36	36		404.72	900.00	AD	FS	FS		No
High pH												
2008 рН	2105_01	Lower 25 miles of segment	23	23	0		9.00	AD	FS	FS		No
Low pH												
2008 рН	2105_01	Lower 25 miles of segment	23	23	0		6.50	AD	FS	FS		No
Nutrient Screening Levels												
2008 Ammonia	2105_01	Lower 25 miles of segment	25	25	0		0.33	AD	NC	NC		No
2008 Chlorophyll-a	2105_01	Lower 25 miles of segment	25	25	4		14.10	AD	NC	NC		No
2008 Nitrate	2105_01	Lower 25 miles of segment	26	26	1		1.95	AD	NC	NC		No
2008 Orthophosphorus	2105_01	Lower 25 miles of segment	26	26	0		0.37	AD	NC	NC		No
2008 Total Phosphorus	2105_01	Lower 25 miles of segment	24	24	1		0.69	AD	NC	NC		No
Water Temperature												
2008 Temperature	2105_01	Lower 25 miles of segment	29	29	0		32.20	AD	FS	FS		No
2008 Temperature	2105_02	25 miles around FM 190	4	4	0		32.20	LD	NC	NC		No

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### Segment ID: 2105 Nueces River Above Holland Dam

Wate	er body type: Freshwater Stre	am					Water	· body size:		78	М	liles	
YEAR		<u>AU ID</u>	Assessment Area (AU)	<u># of</u> <u>Samples</u>	<u>#</u> Assessed	<u># of</u> <u>Exc</u>	<u>Mean of</u> Assessed	<u>Criteria</u>	<u>Dataset</u> Qualifier	<u>2008</u> <u>Supp</u>	<u>Integ</u> Supp	<u>Imp</u> Category	<u>Carry</u> Forward
Public	Water Supply Use												
Finish	ed Drinking Water Dissolved Sol	ids average											
2008	Multiple	2105_01	Lower 25 miles of segment						OE	NC	NC		No
2008	Multiple	2105_02	25 miles around FM 190						OE	NC	NC		No
2008	Multiple	2105_03	Upper 28 miles of Segment						OE	NC	NC		No
Finish	ed Drinking Water MCLs and Te	oxic Substan	ices running average										
2008	Multiple	2105_01	Lower 25 miles of segment						OE	FS	FS		No
2008	Multiple	2105_02	25 miles around FM 190						OE	FS	FS		No
2008	Multiple	2105_03	Upper 28 miles of Segment						OE	FS	FS		No
Finish	ed Drinking Water MCLs Conce	rn											
2008	Multiple	2105_01	Lower 25 miles of segment						OE	NC	NC		No
2008	Multiple	2105_02	25 miles around FM 190						OE	NC	NC		No
2008	Multiple	2105_03	Upper 28 miles of Segment						OE	NC	NC		No
Surfac	e Water HH criteria for PWS av	8											
2006	Fluoride	2105_01	Lower 25 miles of segment	15	15		0.13	4,000.00	AD	FS	FS		No
2006	Fluoride	2105_02	25 miles around FM 190	15	15		0.13	4,000.00	AD	FS	FS		No
Recrea	tion Use												
Bacter	ia Geomean												
2008	E. coli	2105_01	Lower 25 miles of segment	21	21	0	74.68	126.00	AD	FS	FS		No
2008	Fecal coliform	2105_01	Lower 25 miles of segment	8	8	0	194.24	200.00	SM	NC	NC		No
Bacter	ia Single Sample												
2008	E. coli	2105_01	Lower 25 miles of segment	21	21	3		394.00	AD	FS	FS		No
2008	Fecal coliform	2105_01	Lower 25 miles of segment	8	8	1		400.00	SM	NC	NC		No

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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.

Water body type: Freshwater St	ream					Wate	r body size:		27	М	iles	
YEAR	<u>AU ID</u>	Assessment Area (AU)	<u># of</u> <u>Samples</u>	<u>#</u> Assessed	<u># of</u> <u>Exc</u>	<u>Mean of</u> <u>Assessed</u>	<u>Criteria</u>	<u>Dataset</u> <u>Qualifier</u>	<u>2008</u> <u>Supp</u>	<u>Integ</u> Supp	<u>Imp</u> Category	<u>Carry</u> Forwar
Aquatic Life Use												
Acute Toxic Substances in water												
2006 Multiple	2106_01	Lower 17 miles of segment	21	21	0			AD	FS	FS		No
2006 Multiple	2106_02	Upper 10 miles of segment	4	4	0			LD	NC	NC		No
Chronic Toxic Substances in water												
2006 Multiple	2106_01	Lower 17 miles of segment	21	21				AD	FS	FS		No
2006 Multiple	2106_02	Upper 10 miles of segment	4	4	0			LD	NC	NC		No
Dissolved Oxygen 24hr average												
2006 Dissolved Oxygen 24hr Avg	2106_01	Lower 17 miles of segment	0	0			5.00	ID	NA	NA		No
2006 Dissolved Oxygen 24hr Avg Dissolved Oxygen 24hr minimum	2106_02	Upper 10 miles of segment	0	0			5.00	ID	NA	NA		No
2006 Dissolved Oxygen 24hr Min	2106_01	Lower 17 miles of segment	0	0			3.00	ID	NA	NA		No
2006 Dissolved Oxygen 24hr Min Dissolved Oxygen grab minimum	2106_02	Upper 10 miles of segment	0	0			3.00	ID	NA	NA		No
2008 Dissolved Oxygen Grab	2106_01	Lower 17 miles of segment	55	52	0		3.00	AD	FS	FS		No
2008 Dissolved Oxygen Grab Dissolved Oxygen grab screening level	2106_02	Upper 10 miles of segment	55	46	0		3.00	AD	FS	FS		No
2008 Dissolved Oxygen Grab	2106_01	Lower 17 miles of segment	55	52	3		5.00	AD	NC	NC		No
2008 Dissolved Oxygen Grab Fish Community	2106_02	Upper 10 miles of segment	55	46	5		5.00	AD	NC	NC		No
2006 Fish Community	2106 01	Lower 17 miles of segment	0	0				ID	NA	NA		No
2006 Fish Community	2106_01	Upper 10 miles of segment	0	0				ID	NA	NA		No
Habitat	2100_02	opper to finites of segment	0	0				ID	1111	1471		110
2006 Habitat	2106_01	Lower 17 miles of segment	0	0				ID	NA	NA		No
2006 Habitat <b>Macrobenthic Community</b>	2106_02	Upper 10 miles of segment	0	0				ID	NA	NA		No
2006 Macrobenthic Community	2106_01	Lower 17 miles of segment	0	0				ID	NA	NA		No
2006 Macrobenthic Community	2106_02	Upper 10 miles of segment	0	0			3.00	ID	NA	NA		No

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- Superceded 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.

Water body type: Freshwater Str	eam					Water b	ody size:		27	М	liles	
YEAR	<u>AU ID</u>	Assessment Area (AU)	<u># of</u> <u>Samples</u>	<u>#</u> Assessed	<u># of</u> <u>Exc</u>	<u>Mean of</u> Assessed	Criteria	<u>Dataset</u> <u>Qualifier</u>	<u>2008</u> <u>Supp</u>	<u>Integ</u> Supp	<u>Imp</u> Category	<u>Carry</u> <u>Forward</u>
Aquatic Life Use												
Toxic Substances in sediment												
2006 Multiple	2106_01	Lower 17 miles of segment	6	6	0			LD	NC	NC		No
2006 Multiple	2106_02	Upper 10 miles of segment	6	6	0			LD	NC	NC		No
Fish Consumption Use												
HH Bioaccumulative Toxics in water												
2006 Multiple	2106_01	Lower 17 miles of segment	25	25				AD	FS	FS		No
2006 Multiple	2106_02	Upper 10 miles of segment	25	25				AD	FS	FS		No

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; LD- Limited Data; TR- Not Temporally Representative; SN- Superceded by another method; DA- Access bed represented by the formation in t

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.

Water body type: Freshwater	Stream					Wate	r body size:		27	Μ	iles	
YEAR	<u>AU ID</u>	Assessment Area (AU)	<u># of</u> <u>Samples</u>	<u>#</u> Assessed	<u># of</u> <u>Exc</u>	<u>Mean of</u> <u>Assessed</u>	<u>Criteria</u>	<u>Dataset</u> Qualifier	<u>2008</u> <u>Supp</u>	<u>Integ</u> Supp	<u>Imp</u> Category	<u>Carry</u> Forwar
General Use	_											
Dissolved Solids												
2008 Chloride	2106_01	Lower 17 miles of segment	96	96		158.85	250.00	AD	FS	FS		No
2008 Chloride	2106_02	Upper 10 miles of segment	96	96		158.85	250.00	AD	FS	FS		No
2008 Sulfate	2106_01	Lower 17 miles of segment	96	96		91.89	250.00	AD	FS	FS		No
2008 Sulfate	2106_02	Upper 10 miles of segment	96	96		91.89	250.00	AD	FS	FS		No
2008 Total Dissolved Solids	2106_01	Lower 17 miles of segment	116	116		618.73	500.00	AD	NS	NS	5c	No
2008 Total Dissolved Solids	2106_02	Upper 10 miles of segment	116	116		618.73	500.00	AD	NS	NS	5c	No
High pH												
2008 рН	2106_01	Lower 17 miles of segment	54	51	0		9.00	AD	FS	FS		No
2008 pH	2106_02	Upper 10 miles of segment	56	47	0		9.00	AD	FS	FS		No
Low pH												
2008 pH	2106_01	Lower 17 miles of segment	54	51	0		6.50	AD	FS	FS		No
2008 pH	2106_02	Upper 10 miles of segment	56	47	0		6.50	AD	FS	FS		No
Nutrient Screening Levels 2008 Ammonia	2106 01	Lower 17 miles of segment	44	44	0		0.33	AD	NC	NC		No
	_				1							
2008 Ammonia	2106_02	Upper 10 miles of segment	44	44	1		0.33	AD	NC	NC		No
2008 Chlorophyll-a	2106_01	Lower 17 miles of segment	28	28	7		14.10	AD	NC	NC		No
2008 Chlorophyll-a	2106_02	Upper 10 miles of segment	36	36	9		14.10	AD	NC	NC		No
2008 Nitrate	2106_01	Lower 17 miles of segment	50	50	0		1.95	AD	NC	NC		No
2008 Nitrate	2106_02	Upper 10 miles of segment	44	44	0		1.95	AD	NC	NC		No
2008 Orthophosphorus	2106_01	Lower 17 miles of segment	30	30	0		0.37	AD	NC	NC		No
2008 Orthophosphorus	2106_02	Upper 10 miles of segment	21	21	0		0.37	AD	NC	NC		No
2008 Total Phosphorus	2106_01	Lower 17 miles of segment	32	32	0		0.69	AD	NC	NC		No
2008 Total Phosphorus	2106_02	Upper 10 miles of segment	44	44	0		0.69	AD	NC	NC		No
Water Temperature	2106 21	17 1 6	(7		0		22.20		FO	FC		N
2008 Temperature	2106_01	Lower 17 miles of segment	67	64	0		32.20	AD	FS	FS		No
2008 Temperature	2106_02	Upper 10 miles of segment	61	52	0		32.20	AD	FS	FS		No

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- Superceded 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.

Water body type: Freshw	vater Stream					Wate	er body size:		27	М	iles	
<u>YEAR</u>	<u>AU ID</u>	Assessment Area (AU)	<u># of</u> <u>Samples</u>	<u>#</u> Assessed	<u># of</u> <u>Exc</u>	<u>Mean of</u> <u>Assessed</u>	<u>Criteria</u>	<u>Dataset</u> Qualifier	<u>2008</u> <u>Supp</u>	<u>Integ</u> Supp	<u>Imp</u> Category	<u>Carry</u> <u>Forward</u>
Public Water Supply Use												
Finished Drinking Water Disso	olved Solids average											
2008 Multiple	2106_01	Lower 17 miles of segment						OE	NC	NC		No
2008 Multiple	2106_02	Upper 10 miles of segment						OE	NC	NC		No
Finished Drinking Water MCI	Ls and Toxic Substar	ices running average										
2008 Multiple	2106_01	Lower 17 miles of segment						OE	FS	FS		No
2008 Multiple	2106_02	Upper 10 miles of segment						OE	FS	FS		No
Finished Drinking Water MCI	Ls Concern											
2008 Multiple	2106_01	Lower 17 miles of segment						OE	NC	NC		No
2008 Multiple	2106_02	Upper 10 miles of segment						OE	NC	NC		No
Surface Water HH criteria for	8											
2006 Multiple	2106_01	Lower 17 miles of segment	25	25				AD	FS	FS		No
2006 Multiple	2106_02	Upper 10 miles of segment	25	25				AD	FS	FS		No
Surface Water Toxic Substanc	8											
2006 MTBE	2106_01	Lower 17 miles of segment	24	24			0.24	AD	NC	NC		No
2006 MTBE	2106_02	Upper 10 miles of segment	24	24			0.24	AD	NC	NC		No
Recreation Use												
Bacteria Geomean												
2008 E. coli	2106_01	Lower 17 miles of segment	33	33	0	32.79	126.00	AD	FS	FS		No
2008 E. coli	2106_02	Upper 10 miles of segment	43	43	0	80.98	126.00	AD	FS	FS		No
2008 Fecal coliform	2106_01	Lower 17 miles of segment	15	15	0	71.44	200.00	SM	FS	FS		No
2008 Fecal coliform	2106_02	Upper 10 miles of segment	22	22	0	151.75	200.00	SM	FS	FS		No
Bacteria Single Sample												
2008 E. coli	2106_01	Lower 17 miles of segment	33	33	3		394.00	AD	FS	FS		No
2008 E. coli	2106_02	Upper 10 miles of segment	43	43	5		394.00	AD	FS	FS		No
2008 Fecal coliform	2106_01	Lower 17 miles of segment	15	15	2		400.00	SM	FS	FS		No
2008 Fecal coliform	2106_02	Upper 10 miles of segment	22	22	1		400.00	SM	FS	FS		No

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- Superceded 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: 2107

Atascosa River

Wate	er body type: Freshwater St	ream					Wate	r body size:		103	М	liles	
YEAR		<u>AU ID</u>	Assessment Area (AU)	<u># of</u> <u>Samples</u>	<u>#</u> Assessed	<u># of</u> <u>Exc</u>	<u>Mean of</u> <u>Assessed</u>	<u>Criteria</u>	<u>Dataset</u> Qualifier	<u>2008</u> <u>Supp</u>	<u>Integ</u> Supp	<u>Imp</u> Category	<u>Carry</u> Forward
Aquati	c Life Use												
Dissol	ved Oxygen 24hr average												
2008	Dissolved Oxygen 24hr Avg	2107_01	Lower 25 miles of segment	3	3	0		5.00	ID	NA	NA		No
2008	Dissolved Oxygen 24hr Avg	2107_02	25 miles surrounding FM 541	13	13	7		5.00	AD	NS	NS	5b	No
2008	Dissolved Oxygen 24hr Avg	2107_03	25 miles surrounding State Highway 97	29	29	5		5.00	AD	NS	NS	5b	No
Dissol	ved Oxygen 24hr minimum												
2008	Dissolved Oxygen 24hr Min	2107_01	Lower 25 miles of segment	3	3	0		3.00	ID	NA	NA		No
2008	Dissolved Oxygen 24hr Min	2107_02	25 miles surrounding FM 541	13	13	0		3.00	AD	FS	FS		No
2008	Dissolved Oxygen 24hr Min	2107_03	25 miles surrounding State Highway 97	29	29	2		3.00	AD	FS	FS		No
	ved Oxygen grab minimum												
2008	Dissolved Oxygen Grab	2107_01	Lower 25 miles of segment	29	29	0		3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	2107_02	25 miles surrounding FM 541	13	13	0		3.00	SM	FS	FS		No
2008	Dissolved Oxygen Grab	2107_03	25 miles surrounding State Highway 97	60	60	2		3.00	SM	FS	FS		No
	ved Oxygen grab screening level		L	20	20	1		5.00		NC	NC		NT.
2008	Dissolved Oxygen Grab	2107_01	Lower 25 miles of segment	29	29	1		5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	2107_02	25 miles surrounding FM 541	13	13	8		5.00	SM	CS	CS		No
2008	Dissolved Oxygen Grab	2107_03	25 miles surrounding State Highway 97	60	60	6		5.00	SM	NC	NC		No
2006	C <b>ommunity</b> Fish Community	2107_01	Lower 25 miles of segment	0	0				ID	NA	NA		No
2000	Fish Community	2107_01	25 miles surrounding FM 541	0	2		36.00	42.00	AD	NS	NA	5b	No
2008	Fish Community	2107_02 2107_03	25 miles surrounding FM 541 25 miles surrounding State Highway 97	6	6		39.00	42.00	AD AD	NS	NS	50 5b	No
Habita	· · · · · · · · · · · · · · · · · · ·	2107_05	25 miles suffounding State Highway 97	0	0		39.00	42.00	AD	INS	IND	30	INO
2006	Habitat	2107 01	Lower 25 miles of segment	0	0				ID	NA	NA		No
2008	Habitat	2107_02	25 miles surrounding FM 541	2	2		20.50	20.00	AD	NC	NC		No
2008	Habitat	2107_02	25 miles surrounding State Highway 97	6	6		17.50	20.00	AD	CS	CS		No
	obenthic Community			č	č		17.00	20.00		~~	25		1.0
2006	Macrobenthic Community	2107_01	Lower 25 miles of segment	0	0				ID	NA	NA		No
2008	Macrobenthic Community	2107_02	25 miles surrounding FM 541	2	2		30.50	29.00	AD	FS	FS		No
2008	Macrobenthic Community	2107_03	25 miles surrounding State Highway 97	6	6		29.00	29.00	AD	FS	FS		No

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- Superceded 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: 2107	Atascosa	River									
Water body type: Freshwater	Stream					Water	· body size:		103	М	iles
YEAR	<u>AU ID</u>	Assessment Area (AU)	<u># of</u> <u>Samples</u>	<u>#</u> Assessed	<u># of</u> <u>Exc</u>	<u>Mean of</u> <u>Assessed</u>	<u>Criteria</u>	<u>Dataset</u> Qualifier	<u>2008</u> <u>Supp</u>	<u>Integ</u> Supp	<u>Imp</u> <u>Carry</u> <u>Category</u> Forward
General Use											
Dissolved Solids											
2008 Chloride	2107_01	Lower 25 miles of segment	95	95		235.81	600.00	AD	FS	FS	No
2008 Chloride	2107_02	25 miles surrounding FM 541	95	95		235.81	600.00	AD	FS	FS	No
2008 Chloride	2107_03	25 miles surrounding State Highway 97	95	95		235.81	600.00	AD	FS	FS	No
2008 Chloride	2107_04	Upper 28 miles of segment	95	95		235.81	600.00	AD	FS	FS	No
2008 Sulfate	2107_01	Lower 25 miles of segment	85	85		286.40	500.00	AD	FS	FS	No
2008 Sulfate	2107_02	25 miles surrounding FM 541	85	85		286.40	500.00	AD	FS	FS	No
2008 Sulfate	2107_03	25 miles surrounding State Highway 97	85	85		286.40	500.00	AD	FS	FS	No
2008 Sulfate	2107_04	Upper 28 miles of segment	85	85		286.40	500.00	AD	FS	FS	No
2008 Total Dissolved Solids	2107_01	Lower 25 miles of segment	110	110		1,145.48	1,500.00	AD	FS	FS	No
2008 Total Dissolved Solids	2107_02	25 miles surrounding FM 541	110	110		1,145.48	1,500.00	AD	FS	FS	No
2008 Total Dissolved Solids	2107_03	25 miles surrounding State Highway 97	110	110		1,145.48	1,500.00	AD	FS	FS	No
2008 Total Dissolved Solids	2107_04	Upper 28 miles of segment	110	110		1,145.48	1,500.00	AD	FS	FS	No
High pH											
2008 рН	2107_01	Lower 25 miles of segment	30	30	0		9.00	AD	FS	FS	No
2008 рН	2107_02	25 miles surrounding FM 541	13	13	0		9.00	AD	FS	FS	No
2008 рН	2107_03	25 miles surrounding State Highway 97	59	59	0		9.00	AD	FS	FS	No
Low pH	<b>•</b> • • <b>•</b> • • •		2.0	•			< <b>-</b> •		-	50	
2008 pH	2107_01	Lower 25 miles of segment	30	30	0		6.50	AD	FS	FS	No
2008 pH	2107_02	25 miles surrounding FM 541	13	13	0		6.50	AD	FS	FS	No
2008 pH	2107_03	25 miles surrounding State Highway 97	59	59	1		6.50	AD	FS	FS	No

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- Superceded 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.

Segn	nent ID: 2107	Atascosa	River										
Wate	er body type: Freshwater S	stream					Water body s	size:		103	М	iles	
<u>YEAR</u>		<u>AU ID</u>	Assessment Area (AU)	<u># of</u> <u>Samples</u>	<u>#</u> Assessed	<u># of</u> <u>Exc</u>	Mean of Assessed Crite	<u>ria</u>	<u>Dataset</u> <u>Qualifier</u>	<u>2008</u> <u>Supp</u>	<u>Integ</u> Supp	<u>Imp</u> Category	<u>Carry</u> <u>Forward</u>
Genera	ıl Use												
Nutrie	nt Screening Levels												
2008	Ammonia	2107_01	Lower 25 miles of segment	29	29	0		0.33	AD	NC	NC		No
2008	Ammonia	2107_02	25 miles surrounding FM 541	15	15	1		0.33	AD	NC	NC		No
2008	Ammonia	2107_03	25 miles surrounding State Highway 97	50	50	7		0.33	AD	NC	NC		No
2008	Chlorophyll-a	2107_01	Lower 25 miles of segment	25	25	8	1	4.10	AD	CS	CS		No
2008	Chlorophyll-a	2107_02	25 miles surrounding FM 541	16	16	1	1	4.10	AD	NC	NC		No
2008	Chlorophyll-a	2107_03	25 miles surrounding State Highway 97	50	50	16	1	4.10	AD	CS	CS		No
2008	Nitrate	2107_01	Lower 25 miles of segment	29	29	0		1.95	AD	NC	NC		No
2008	Nitrate	2107_02	25 miles surrounding FM 541	13	13	3		1.95	AD	NC	NC		No
2008	Nitrate	2107_03	25 miles surrounding State Highway 97	45	45	5		1.95	AD	NC	NC		No
2008	Orthophosphorus	2107_01	Lower 25 miles of segment	16	16	0		0.37	AD	NC	NC		No
2008	Orthophosphorus	2107_02	25 miles surrounding FM 541	15	15	6		0.37	AD	CS	CS		No
2008	Orthophosphorus	2107_03	25 miles surrounding State Highway 97	49	49	6		0.37	AD	NC	NC		No
2008	Total Phosphorus	2107_01	Lower 25 miles of segment	29	29	2		0.69	AD	NC	NC		No
2008	Total Phosphorus	2107_02	25 miles surrounding FM 541	12	12	0		0.69	AD	NC	NC		No
2008	Total Phosphorus	2107_03	25 miles surrounding State Highway 97	46	46	3		0.69	AD	NC	NC		No
Water	Temperature												
2008	Temperature	2107_01	Lower 25 miles of segment	40	40	0	3	32.20	AD	$\mathbf{FS}$	FS		No
2008	Temperature	2107_02	25 miles surrounding FM 541	14	14	0	3	32.20	AD	FS	FS		No
2008	Temperature	2107_03	25 miles surrounding State Highway 97	61	61	1	3	32.20	AD	FS	FS		No

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Segme	ent ID: 2107	Atascosa	River										
Water	body type: Freshwater St	ream					Water	· body size:		103	М	iles	
<u>YEAR</u>		<u>AU ID</u>	Assessment Area (AU)	<u># of</u> Samples	<u>#</u> Assessed	<u># of</u> <u>Exc</u>	Mean of Assessed	Criteria	<u>Dataset</u> <u>Qualifier</u>	<u>2008</u> <u>Supp</u>	<u>Integ</u> Supp	<u>Imp</u> <u>Carr</u> <u>Category</u> Forw	_
Public W	ater Supply Use												
	Drinking Water Dissolved So	olids average											
	Aultiple	2107 01	Lower 25 miles of segment						OE	NC	NC	No	5
	Aultiple	2107 02	25 miles surrounding FM 541						OE	NC	NC	No	5
	Aultiple	2107 03	25 miles surrounding State Highway 97						OE	NC	NC	Nc	3
2008 N	Aultiple	2107 04	Upper 28 miles of segment						OE	NC	NC	Nc	ა
Finished	Drinking Water MCLs and	Foxic Substar	nces running average										
2008 N	Aultiple	2107_01	Lower 25 miles of segment						OE	FS	FS	No	)
2008 N	Aultiple	2107_02	25 miles surrounding FM 541						OE	FS	FS	No	)
2008 N	Aultiple	2107_03	25 miles surrounding State Highway 97						OE	FS	FS	No	)
2008 N	Aultiple	2107_04	Upper 28 miles of segment						OE	FS	FS	No	)
	Drinking Water MCLs Conc												
2008 A	Atrazine	2107_01	Lower 25 miles of segment						OE	NC	NC	No	)
2008 A	Atrazine	2107_02	25 miles surrounding FM 541						OE	NC	NC	Nc	)
2008 A	Atrazine	2107_03	25 miles surrounding State Highway 97						OE	NC	NC	No	)
	Aultiple	2107_04	Upper 28 miles of segment						OE	NC	NC	No	)
	Water HH criteria for PWS a	8											
	Fluoride	2107_01	Lower 25 miles of segment	12	12			4,000.00	AD	FS	FS	No	
	Fluoride	2107_02	25 miles surrounding FM 541	12	12			4,000.00	AD	FS	FS	No	
2006 F	Fluoride	2107_03	25 miles surrounding State Highway 97	12	12			4,000.00	AD	FS	FS	Nc	)
2006 F	luoride	2107_04	Upper 28 miles of segment	12	12			4,000.00	AD	FS	FS	No	
2006 N	Vitrate	2107_01	Lower 25 miles of segment	75	75		1.13	10.00	AD	FS	FS	No	)
2006 N	Vitrate	2107_02	25 miles surrounding FM 541	75	75		1.13	10.00	AD	FS	FS	No	)
2006 N	Vitrate	2107_03	25 miles surrounding State Highway 97	75	75		1.13	10.00	AD	FS	FS	Nc	)
2006 N	Vitrate	2107_04	Upper 28 miles of segment	75	75		1.13	10.00	AD	FS	FS	Nc	)

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- Superceded 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.

Segn	nent ID: 2107	Atascosa	River										
Wat	er body type: Freshwater St	ream					Wate	r body size:		103	М	iles	
YEAR	<u>.</u>	<u>AU ID</u>	Assessment Area (AU)	<u># of</u> Samples	<u>#</u> Assessed	<u># of</u> <u>Exc</u>	<u>Mean of</u> <u>Assessed</u>	Criteria	<u>Dataset</u> Qualifier	<u>2008</u> <u>Supp</u>	<u>Integ</u> Supp	<u>Imp</u> <u>Category</u>	<u>Carry</u> <u>Forward</u>
Recrea	ntion Use												
Bacter	ria Geomean												
2008	E. coli	2107_01	Lower 25 miles of segment	27	27	1	325.86	126.00	AD	NS	NS	5a	No
2008	E. coli	2107_02	25 miles surrounding FM 541	13	13	1	333.12	126.00	AD	NS	NS	5a	No
2008	E. coli	2107_03	25 miles surrounding State Highway 97	40	40	0	91.95	126.00	AD	FS	FS		No
2008	Fecal coliform	2107_01	Lower 25 miles of segment	13	13	1	548.79	200.00	SM	NS	NS		No
2008	Fecal coliform	2107_02	25 miles surrounding FM 541	12	12	1	306.28	200.00	SM	NS	NS		No
2008	Fecal coliform	2107_03	25 miles surrounding State Highway 97	34	34	1	210.00	200.00	SM	NS	NS		No
Bacter	ria Single Sample												
2008	E. coli	2107_01	Lower 25 miles of segment	27	27	15		394.00	AD	NS	NS	5a	No
2008	E. coli	2107_02	25 miles surrounding FM 541	13	13	5		394.00	AD	CN	CN		No
2008	E. coli	2107_03	25 miles surrounding State Highway 97	40	40	7		394.00	AD	FS	FS		No
2008	Fecal coliform	2107_01	Lower 25 miles of segment	13	13	9		400.00	SM	NS	NS		No
2008	Fecal coliform	2107_02	25 miles surrounding FM 541	12	12	6		400.00	SM	NS	NS		No
2008	Fecal coliform	2107_03	25 miles surrounding State Highway 97	34	34	10		400.00	SM	CN	CN		No

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; ID- Limited Data; TR- Not Temporally Representative; SR- Not Spatially Representative; SM- Superceded 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: 2108 San Miguel Creek

Wate	r body type: Freshwater Stre	eam					Wate	er body size:		66	Μ	liles	
<u>YEAR</u>		<u>AU ID</u>	Assessment Area (AU)	<u># of</u> <u>Samples</u>	<u>#</u> Assessed	<u># of</u> <u>Exc</u>	<u>Mean of</u> <u>Assessed</u>	<u>Criteria</u>	<u>Dataset</u> Qualifier	<u>2008</u> <u>Supp</u>	<u>Integ</u> Supp	<u>Imp</u> Category	<u>Carry</u> Forwar
Aquatic	Life Use												
Dissolv	ed Oxygen grab minimum												
	Dissolved Oxygen Grab ed Oxygen grab screening level	2108_01	Lower 25 miles of segment	15	15	0		3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	2108_01	Lower 25 miles of segment	15	15	2		5.00	AD	NC	NC		No
General	Use												
Dissolv	ed Solids												
2008	Chloride	2108_01	Lower 25 miles of segment	27	27		230.91	700.00	AD	FS	FS		No
2008	Chloride	2108_02	Upper 41 miles of segment	27	27		230.91	700.00	AD	FS	FS		No
2008	Sulfate	2108_01	Lower 25 miles of segment	27	27		255.61	700.00	AD	FS	FS		No
2008	Sulfate	2108_02	Upper 41 miles of segment	27	27		255.61	700.00	AD	FS	FS		No
2008	Total Dissolved Solids	2108_01	Lower 25 miles of segment	28	28		990.55	2,000.00	AD	FS	FS		No
2008	Total Dissolved Solids	2108_02	Upper 41 miles of segment	28	28		990.55	2,000.00	AD	FS	FS		No
High pl	H												
2008	1	2108_01	Lower 25 miles of segment	28	28	0		9.00	AD	FS	FS		No
Low pł													
	pH	2108_01	Lower 25 miles of segment	28	28	0		6.50	AD	FS	FS		No
	t Screening Levels	0100 01	L 05 11 6	27	07	0		0.22					NT
	Ammonia	2108_01	Lower 25 miles of segment	27	27	0		0.33	AD	NC	NC		No
	Chlorophyll-a	2108_01	Lower 25 miles of segment	22	22	9		14.10	AD	CS	CS		No
	Nitrate	2108_01	Lower 25 miles of segment	27	27	0		1.95	AD	NC	NC		No
	Orthophosphorus	2108_01	Lower 25 miles of segment	13	13	0		0.37	AD	NC	NC		No
2008	Total Phosphorus	2108_01	Lower 25 miles of segment	27	27	2		0.69	AD	NC	NC		No
	<b>Femperature</b>	0100.01		•	•	~				F.2	<b>F</b> 2		
2008	Temperature	2108_01	Lower 25 miles of segment	28	28	0		35.00	AD	FS	FS		No

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- Superceded 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.

Segr	nent ID: 2108 S	San Mig	uel Creek										
Wat	er body type: Freshwater Stre	am					Water	body size:		66	M	iles	
YEAI	<u> </u>	<u>AU ID</u>	Assessment Area (AU)	<u># of</u> Samples	<u>#</u> Assessed	<u># of</u> <u>Exc</u>	<u>Mean of</u> <u>Assessed</u>	<u>Criteria</u>	<u>Dataset</u> <u>Qualifier</u>	<u>2008</u> <u>Supp</u>	<u>Integ</u> Supp	<u>Imp</u> Category	<u>Carry</u> <u>Forward</u>
Public	Water Supply Use												
Finisł	ed Drinking Water Dissolved Soli	ids average											
2008	Multiple	2108_01	Lower 25 miles of segment						OE	NC	NC		No
2008	Multiple	2108_02	Upper 41 miles of segment						OE	NC	NC		No
Finisł	ned Drinking Water MCLs and To	oxic Substan	ices running average										
2008	Multiple	2108_01	Lower 25 miles of segment						OE	FS	FS		No
2008		2108_02	Upper 41 miles of segment						OE	FS	FS		No
Finisł	ed Drinking Water MCLs Conce	rn											
2008	Multiple	2108_01	Lower 25 miles of segment						OE	NC	NC		No
2008	Multiple	2108_02	Upper 41 miles of segment						OE	NC	NC		No
Recrea	ation Use												
Bacte	ria Geomean												
2008	E. coli	2108_01	Lower 25 miles of segment	26	26	1	182.50	126.00	AD	NS	NS	5c	No
2008	Fecal coliform	2108_01	Lower 25 miles of segment	13	13	1	314.69	200.00	SM	NS	NS		No
Bacte	ria Single Sample												
2008	E. coli	2108_01	Lower 25 miles of segment	26	26	6		394.00	AD	FS	FS		No
2008	Fecal coliform	2108_01	Lower 25 miles of segment	13	13	4		400.00	SM	FS	FS		No

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- Superceded 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: 2109

Leona River

Wate	er body type: Freshwater St	ream					Wate	r body size:		78	М	liles	
<u>YEAR</u>		<u>AU ID</u>	Assessment Area (AU)	<u># of</u> Samples	<u>#</u> Assessed	<u># of</u> <u>Exc</u>	<u>Mean of</u> <u>Assessed</u>	<u>Criteria</u>	<u>Dataset</u> Qualifier	<u>2008</u> <u>Supp</u>	<u>Integ</u> Supp	<u>Imp</u> Category	<u>Carry</u> Forward
Aquatio	c Life Use												
Dissolv	ved Oxygen 24hr average												
2006	Dissolved Oxygen 24hr Avg	2109_01	Lower 25 miles of segment	0	0				ID	NA	NA		No
2006	Dissolved Oxygen 24hr Avg	2109_02	25 miles surrounding US Highway 57	0	0			5.00	ID	NA	NA		No
2006 Dissolv	Dissolved Oxygen 24hr Avg y <b>ed Oxygen 24hr minimum</b>	2109_03	Upper 28 miles of segment	0	0			5.00	ID	NA	NA		No
2006	Dissolved Oxygen 24hr Min	2109_01	Lower 25 miles of segment	0	0				ID	NA	NA		No
2006	Dissolved Oxygen 24hr Min	2109_02	25 miles surrounding US Highway 57	0	0			3.00	ID	NA	NA		No
2006 Dissolv	Dissolved Oxygen 24hr Min ved Oxygen grab minimum	2109_03	Upper 28 miles of segment	0	0			3.00	ID	NA	NA		No
2008	Dissolved Oxygen Grab	2109_01	Lower 25 miles of segment	21	21	0		3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	2109_02	25 miles surrounding US Highway 57	23	23	0		3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	2109_03	Upper 28 miles of segment	18	18	0		3.00	AD	FS	FS		No
Dissolv	ved Oxygen grab screening leve	1											
2008	Dissolved Oxygen Grab	2109_01	Lower 25 miles of segment	21	21	0		5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	2109_02	25 miles surrounding US Highway 57	23	23	1		5.00	AD	NC	NC		No
2008 Fish Co	Dissolved Oxygen Grab ommunity	2109_03	Upper 28 miles of segment	18	18	4		5.00	AD	NC	NC		No
2006	Fish Community	2109 01	Lower 25 miles of segment	0	0				ID	NA	NA		No
2006	Fish Community	2109_02	25 miles surrounding US Highway 57	0	0				ID	NA	NA		No
2006	Fish Community	2109_03	Upper 28 miles of segment	0	0				ID	NA	NA		No
Habita	-	_											
2006	Habitat	2109_01	Lower 25 miles of segment	0	0				ID	NA	NA		No
2006	Habitat	2109_02	25 miles surrounding US Highway 57	0	0				ID	NA	NA		No
2006	Habitat	2109_03	Upper 28 miles of segment	0	0				ID	NA	NA		No
	benthic Community												
2006	Macrobenthic Community	2109_01	Lower 25 miles of segment	0	0				ID	NA	NA		No
2006	Macrobenthic Community	2109_02	25 miles surrounding US Highway 57	0	0				ID	NA	NA		No
2006	Macrobenthic Community	2109_03	Upper 28 miles of segment	0	0				ID	NA	NA		No

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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: 2109

Leona River

Water body type: Freshwater	Stream					Wate	er body size:		78	Μ	liles	
YEAR	<u>AU ID</u>	Assessment Area (AU)	<u># of</u> <u>Samples</u>	<u>#</u> Assessed	<u># of</u> <u>Exc</u>	<u>Mean of</u> <u>Assessed</u>	<u>Criteria</u>	<u>Dataset</u> Qualifier	<u>2008</u> <u>Supp</u>	<u>Integ</u> Supp	<u>Imp</u> Category	<u>Carry</u> Forward
General Use	_											
Dissolved Solids												
2008 Chloride	2109_01	Lower 25 miles of segment	64	64		93.91	650.00	AD	FS	FS		No
2008 Chloride	2109_02	25 miles surrounding US Highway 57	64	64		93.91	650.00	AD	FS	FS		No
2008 Chloride	2109_03	Upper 28 miles of segment	64	64		93.91	650.00	AD	FS	FS		No
2008 Sulfate	2109_01	Lower 25 miles of segment	64	64		144.89	500.00	AD	FS	FS		No
2008 Sulfate	2109_02	25 miles surrounding US Highway 57	64	64		144.89	500.00	AD	FS	FS		No
2008 Sulfate	2109_03	Upper 28 miles of segment	64	64		144.89	500.00	AD	FS	FS		No
2008 Total Dissolved Solids	2109_01	Lower 25 miles of segment	84	84		586.31	2,000.00	AD	FS	FS		No
2008 Total Dissolved Solids	2109_02	25 miles surrounding US Highway 57	84	84		586.31	2,000.00	AD	FS	FS		No
2008 Total Dissolved Solids	2109_03	Upper 28 miles of segment	84	84		586.31	2,000.00	AD	FS	FS		No
High pH												
2008 рН	2109_01	Lower 25 miles of segment	20	20	0		9.00	AD	FS	FS		No
2008 рН	2109_02	25 miles surrounding US Highway 57	23	23	0		9.00	AD	FS	FS		No
2008 рН	2109_03	Upper 28 miles of segment	18	18	0		9.00	AD	FS	FS		No
Low pH												
2008 pH	2109_01	Lower 25 miles of segment	20	20	0		6.50	AD	FS	FS		No
2008 рН	2109_02	25 miles surrounding US Highway 57	23	23	0		6.50	AD	FS	FS		No
2008 pH	2109_03	Upper 28 miles of segment	18	18	1		6.50	AD	FS	FS		No

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- Superceded 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: 2109

Leona River

Water body type: Freshwate	er Stream					Water	body size:		78	М	liles	
YEAR	<u>AU ID</u>	Assessment Area (AU)	<u># of</u> <u>Samples</u>	<u>#</u> Assessed	<u># of</u> <u>Exc</u>	<u>Mean of</u> <u>Assessed</u>	<u>Criteria</u>	<u>Dataset</u> Qualifier	<u>2008</u> <u>Supp</u>	<u>Integ</u> Supp	<u>Imp</u> Category	<u>Carry</u> Forwa
General Use												
Nutrient Screening Levels												
2008 Ammonia	2109_01	Lower 25 miles of segment	24	24	0		0.33	AD	NC	NC		No
2008 Ammonia	2109_02	25 miles surrounding US Highway 57	23	23	0		0.33	AD	NC	NC		No
2008 Ammonia	2109_03	Upper 28 miles of segment	17	17	0		0.33	AD	NC	NC		No
2008 Chlorophyll-a	2109_01	Lower 25 miles of segment	24	24	0		14.10	AD	NC	NC		No
2008 Chlorophyll-a	2109_02	25 miles surrounding US Highway 57	23	23	0		14.10	AD	NC	NC		No
2008 Chlorophyll-a	2109_03	Upper 28 miles of segment	17	17	1		14.10	AD	NC	NC		No
2008 Nitrate	2109_01	Lower 25 miles of segment	23	23	21		1.95	AD	CS	CS		No
2008 Nitrate	2109_02	25 miles surrounding US Highway 57	22	22	20		1.95	AD	CS	CS		No
2008 Nitrate	2109_03	Upper 28 miles of segment	17	17	15		1.95	AD	CS	CS		No
2008 Orthophosphorus	2109_01	Lower 25 miles of segment	23	23	0		0.37	AD	NC	NC		No
2008 Orthophosphorus	2109_02	25 miles surrounding US Highway 57	21	21	0		0.37	AD	NC	NC		No
2008 Orthophosphorus	2109_03	Upper 28 miles of segment	8	8	0		0.37	LD	NC	NC		No
2008 Total Phosphorus	2109_01	Lower 25 miles of segment	24	24	0		0.69	AD	NC	NC		No
2008 Total Phosphorus	2109_02	25 miles surrounding US Highway 57	23	23	0		0.69	AD	NC	NC		No
2008 Total Phosphorus	2109_03	Upper 28 miles of segment	17	17	0		0.69	AD	NC	NC		No
Water Temperature												
2008 Temperature	2109_01	Lower 25 miles of segment	21	21	0		32.20	AD	FS	FS		No
2008 Temperature	2109_02	25 miles surrounding US Highway 57	24	24	0		32.20	AD	FS	FS		No
2008 Temperature	2109_03	Upper 28 miles of segment	30	30	0		32.20	AD	FS	FS		No

#### 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- Limited Data; TR- Not Temporally Representative; SR- Not Spatially Representative; SM- Superceded 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: 2109 Leona River Water body type: Freshwater Stream Water body size: 78 Miles # 2008 # of # of Mean of Dataset Integ Imp Carry AU ID Assessment Area (AU) Oualifier YEAR Samples Exc Assessed Supp Supp Category Forward Assessed Criteria Public Water Supply Use Finished Drinking Water Dissolved Solids average 2008 Lower 25 miles of segment OE NC NC Multiple 2109 01 No 2008 Multiple 2109 02 25 miles surrounding US Highway 57 OE NC NC No Multiple 2109 03 Upper 28 miles of segment OE NC 2008 NC No Finished Drinking Water MCLs and Toxic Substances running average 2109 01 Lower 25 miles of segment OE FS FS 2008 Multiple No 2008 Multiple 2109 02 25 miles surrounding US Highway 57 OE FS FS No 2008 Multiple 2109 03 Upper 28 miles of segment OE FS FS No **Finished Drinking Water MCLs Concern** 2109 01 Lower 25 miles of segment OE NC NC 2008 Multiple No 2008 Multiple 25 miles surrounding US Highway 57 OE NC NC 2109 02 No 2008 Multiple 2109 03 Upper 28 miles of segment OE NC NC No Surface Water HH criteria for PWS average 2006 Fluoride 2109 01 Lower 25 miles of segment 29 29 4,000.00 AD FS FS No 25 miles surrounding US Highway 57 29 2006 Fluoride 2109 02 29 4,000.00 FS FS No AD 2109 03 Upper 28 miles of segment 29 29 4,000.00 FS 2006 Fluoride AD FS No 2109 01 Lower 25 miles of segment 34 34 6.25 FS 2006 Nitrate 10.00 AD FS No 2006 2109 02 25 miles surrounding US Highway 57 34 34 6.25 10.00 FS FS AD No Nitrate 2006 2109 03 Upper 28 miles of segment 34 34 6.25 10.00 AD FS FS No Nitrate

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- Superceded 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: 2109 Lee

Leona River

Water body type: Freshwa	ater Stream					Wate	r body size:		78	М	iles	
YEAR	<u>AU ID</u>	Assessment Area (AU)	<u># of</u> <u>Samples</u>	<u>#</u> Assessed	<u># of</u> <u>Exc</u>	<u>Mean of</u> Assessed	<u>Criteria</u>	<u>Dataset</u> <u>Qualifier</u>	<u>2008</u> <u>Supp</u>	<u>Integ</u> Supp	<u>Imp</u> Category	<u>Carr</u> Forwa
Recreation Use												
Bacteria Geomean												
2008 E. coli	2109_01	Lower 25 miles of segment	16	16	1	231.86	126.00	AD	NS	NS	5c	No
2008 E. coli	2109_02	25 miles surrounding US Highway 57	19	19	1	228.45	126.00	AD	NS	NS	5c	No
2008 E. coli	2109_03	Upper 28 miles of segment	16	16	1	273.52	126.00	AD	NS	NS	5c	No
2008 Fecal coliform	2109_01	Lower 25 miles of segment	8	8	1	338.42	200.00	SM	CN	CN		No
2008 Fecal coliform	2109_02	25 miles surrounding US Highway 57	8	8	0	140.76	200.00	SM	NC	NC		No
2006 Fecal coliform	2109_03	Upper 28 miles of segment	0	0			200.00	ID	NA	NA		No
Bacteria Single Sample												
2008 E. coli	2109_01	Lower 25 miles of segment	16	16	4		394.00	AD	FS	FS		No
2008 E. coli	2109_02	25 miles surrounding US Highway 57	19	19	3		394.00	AD	FS	FS		No
2008 E. coli	2109_03	Upper 28 miles of segment	16	16	5		394.00	AD	CN	CN		N
2008 Fecal coliform	2109_01	Lower 25 miles of segment	8	8	3		400.00	SM	NC	NC		Ν
2008 Fecal coliform	2109_02	25 miles surrounding US Highway 57	8	8	0		400.00	SM	NC	NC		Ν
2006 Fecal coliform	2109 03	Upper 28 miles of segment	0	0			400.00	ID	NA	NA		N

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- Limited Data; TR- Not Temporally Representative; SR- Not Spatially Representative; SM- Superceded by another method;

NA- Not assessed; NC- No concern; Dataset Qualiners: AD- Adequate Data; ID- Inadequate Data; ID- Limited Data; ID- Limited Data; ID- Inadequate Data; ID- In

#### Segment ID: 2110 Lower Sabinal River

Water body type: Freshwater Stre	am					Wate	r body size:		27	М	iles	
YEAR	<u>AU ID</u>	Assessment Area (AU)	<u># of</u> <u>Samples</u>	<u>#</u> Assessed	<u># of</u> <u>Exc</u>	<u>Mean of</u> <u>Assessed</u>	<u>Criteria</u>	<u>Dataset</u> Qualifier	<u>2008</u> <u>Supp</u>	<u>Integ</u> Supp	<u>Imp</u> Category	<u>Carry</u> Forwar
Aquatic Life Use												
Dissolved Oxygen grab minimum												
2008 Dissolved Oxygen Grab Dissolved Oxygen grab screening level	2110_01	Entire segment	25	25	0		3.00	AD	FS	FS		No
2008 Dissolved Oxygen Grab	2110_01	Entire segment	25	25	0		5.00	AD	NC	NC		No
General Use												
Dissolved Solids												
2008 Chloride	2110_01	Entire segment	28	28		74.04	200.00	AD	FS	FS		No
2008 Sulfate	2110_01	Entire segment	28	28		42.46	100.00	AD	FS	FS		No
2008 Total Dissolved Solids	2110_01	Entire segment	33	33		479.18	700.00	AD	FS	FS		No
High pH												
2008 pH	2110_01	Entire segment	25	25	0		9.00	AD	FS	FS		No
Low pH												
2008 рН	2110_01	Entire segment	25	25	1		6.50	AD	FS	FS		No
Nutrient Screening Levels												
2008 Ammonia	2110_01	Entire segment	27	27	0		0.33	AD	NC	NC		No
2008 Chlorophyll-a	2110_01	Entire segment	28	28	2		14.10	AD	NC	NC		No
2008 Nitrate	2110_01	Entire segment	26	26	22		1.95	AD	CS	NS	4a	Yes
2008 Orthophosphorus	2110_01	Entire segment	25	25	0		0.37	AD	NC	NC		No
2008 Total Phosphorus	2110_01	Entire segment	27	27	0		0.69	AD	NC	NC		No
Water Temperature												
2008 Temperature	2110_01	Entire segment	29	29	0		32.20	AD	FS	FS		No

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- Superceded 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: 2110 Lower Sabinal River

Water body type: Freshwa	ater Stream					Wate	er body size:		27	М	liles	
YEAR	<u>AU ID</u>	Assessment Area (AU)	<u># of</u> <u>Samples</u>	<u>#</u> Assessed	<u># of</u> <u>Exc</u>	<u>Mean of</u> Assessed	<u>Criteria</u>	<u>Dataset</u> Qualifier	<u>2008</u> <u>Supp</u>	<u>Integ</u> Supp	<u>Imp</u> Category	<u>Carry</u> Forward
Public Water Supply Use												
Finished Drinking Water Dissol	lved Solids average											
2008 Multiple	2110_01	Entire segment						OE	NC	NC		No
Finished Drinking Water MCL	s and Toxic Substa	ices running average										
2008 Multiple	2110_01	Entire segment						OE	FS	FS		No
Finished Drinking Water MCL	s Concern											
2008 Multiple	2110_01	Entire segment						OE	NC	NC		No
Surface Water HH criteria for	PWS average											
2006 Fluoride	2110_01	Entire segment	14	14			4,000.00	AD	FS	FS		No
2006 Nitrate	2110_01	Entire segment	18	18		5.97	10.00	AD	FS	FS		No
Recreation Use												
Bacteria Geomean												
2008 E. coli	2110_01	Entire segment	19	19	0	43.10	126.00	AD	FS	FS		No
2008 Fecal coliform	2110 01	Entire segment	8	8	0	35.32	200.00	SM	NC	NC		No
Bacteria Single Sample	_	-										
2008 E. coli	2110_01	Entire segment	19	19	1		394.00	AD	FS	FS		No
2008 Fecal coliform	2110_01	Entire segment	8	8	0		400.00	SM	NC	NC		No

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- Superceded 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: 2111 Upper Sabinal River

Water body type: Freshwater St	ream					Wate	r body size:		48	М	liles	
YEAR	<u>AU ID</u>	Assessment Area (AU)	<u># of</u> <u>Samples</u>	<u>#</u> Assessed	<u># of</u> <u>Exc</u>	<u>Mean of</u> <u>Assessed</u>	<u>Criteria</u>	<u>Dataset</u> <u>Qualifier</u>	<u>2008</u> <u>Supp</u>	<u>Integ</u> Supp	<u>Imp</u> <u>Category</u>	<u>Carry</u> Forward
Aquatic Life Use												
Dissolved Oxygen 24hr average												
2006 Dissolved Oxygen 24hr Avg Dissolved Oxygen 24hr minimum	2111_01	Lower 25 miles of segment	0	0			5.00	ID	NA	NA		No
2006 Dissolved Oxygen 24hr Min Dissolved Oxygen grab minimum	2111_01	Lower 25 miles of segment	0	0			3.00	ID	NA	NA		No
2008 Dissolved Oxygen Grab Dissolved Oxygen grab screening leve	2111_01	Lower 25 miles of segment	26	26	0		3.00	AD	FS	FS		No
2008 Dissolved Oxygen Grab Fish Community	2111_01	Lower 25 miles of segment	26	26	0		5.00	AD	NC	NC		No
2006 Fish Community Habitat	2111_01	Lower 25 miles of segment	0	0				ID	NA	NA		No
2006 Habitat Macrobenthic Community	2111_01	Lower 25 miles of segment	0	0				ID	NA	NA		No
2006 Macrobenthic Community	2111_01	Lower 25 miles of segment	0	0				ID	NA	NA		No

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; LD- Limited Data; TR- Not Temporally Representative; SN- Not Spatially Representative; SN- Supporting; CM- Not assessed; NC- No concern; Dataset Qualifiers: AD- Adequate Data; LD- Limited Data; TR- Not Temporally Representative; SN- Superceded by another method; NC- No concern; SN- Not Spatially Representative; SN- Superceded by another method; NC- No concern; SN- Support SN- Not Spatially Representative; SN- Support SN- Not Spatially Representative; SN- Support SN- Not SN- Not Spatially Representative; SN- Support SN- Not SN- No

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: 2111 Upper Sabinal River

Water body type: Freshwater	Stream					Wate	r body size:		48	М	liles
YEAR	<u>AU ID</u>	Assessment Area (AU)	<u># of</u> <u>Samples</u>	<u>#</u> Assessed	<u># of</u> <u>Exc</u>	<u>Mean of</u> <u>Assessed</u>	<u>Criteria</u>	<u>Dataset</u> Qualifier	<u>2008</u> <u>Supp</u>	<u>Integ</u> Supp	<u>Imp Car</u> Category Forv
General Use	_										
Dissolved Solids											
2008 Chloride	2111_01	Lower 25 miles of segment	25	25		14.28	50.00	AD	FS	FS	Ν
2008 Chloride	2111_02	Upper 23 miles of segment	25	25		14.28	50.00	AD	FS	FS	Ν
2008 Sulfate	2111_01	Lower 25 miles of segment	25	25		25.32	75.00	AD	FS	FS	Ν
2008 Sulfate	2111_02	Upper 23 miles of segment	25	25		25.32	75.00	AD	FS	FS	Ν
2008 Total Dissolved Solids	2111_01	Lower 25 miles of segment	33	33		286.23	500.00	AD	FS	FS	Ν
2008 Total Dissolved Solids	2111_02	Upper 23 miles of segment	33	33		286.23	500.00	AD	FS	FS	Ν
High pH	_										
2008 рН	2111_01	Lower 25 miles of segment	25	25	0		9.00	AD	FS	FS	Ν
Low pH											
2008 рН	2111_01	Lower 25 miles of segment	25	25	0		6.50	AD	FS	FS	Ν
Nutrient Screening Levels											
2008 Ammonia	2111_01	Lower 25 miles of segment	25	25	0		0.33	AD	NC	NC	N
2008 Chlorophyll-a	2111_01	Lower 25 miles of segment	25	25	0		14.10	AD	NC	NC	N
2008 Nitrate	2111_01	Lower 25 miles of segment	24	24	0		1.95	AD	NC	NC	N
2008 Orthophosphorus	2111_01	Lower 25 miles of segment	24	24	0		0.37	AD	NC	NC	Ν
2008 Total Phosphorus	2111_01	Lower 25 miles of segment	25	25	0		0.69	AD	NC	NC	Ν
Water Temperature											
2008 Temperature	2111_01	Lower 25 miles of segment	32	32	0		32.20	AD	FS	FS	Ν

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- Superceded 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: 2111 Upper Sabinal River

Water body type: Freshwa	ater Stream					Wate	er body size:		48	М	iles
YEAR	<u>AU ID</u>	Assessment Area (AU)	<u># of</u> <u>Samples</u>	<u>#</u> Assessed	<u># of</u> <u>Exc</u>	<u>Mean of</u> Assessed	<u>Criteria</u>	<u>Dataset</u> Qualifier	<u>2008</u> <u>Supp</u>	<u>Integ</u> Supp	<u>Imp</u> <u>Carry</u> <u>Category</u> Forwar
Public Water Supply Use											
Finished Drinking Water Disso	lved Solids average										
2008 Multiple	2111_01	Lower 25 miles of segment						OE	NC	NC	No
2008 Multiple	2111_02	Upper 23 miles of segment						OE	NC	NC	No
Finished Drinking Water MCL	s and Toxic Substa	nces running average									
2008 Multiple	2111_01	Lower 25 miles of segment						OE	FS	FS	No
2008 Multiple	2111_02	Upper 23 miles of segment						OE	FS	FS	No
Finished Drinking Water MCL	s Concern										
2008 Multiple	2111_01	Lower 25 miles of segment						OE	NC	NC	No
2008 Multiple	2111_02	Upper 23 miles of segment						OE	NC	NC	No
Surface Water HH criteria for	PWS average										
2006 Fluoride	2111_01	Lower 25 miles of segment	13	13		0.18	4,000.00	AD	FS	FS	No
Recreation Use											
Bacteria Geomean											
2008 E. coli	2111_01	Lower 25 miles of segment	17	17	0	15.04	126.00	AD	FS	FS	No
2008 Fecal coliform	2111_01	Lower 25 miles of segment	12	12	0	26.24	200.00	SM	FS	FS	No
Bacteria Single Sample											
2008 E. coli	2111_01	Lower 25 miles of segment	17	17	0		394.00	AD	FS	FS	No
2008 Fecal coliform	2111_01	Lower 25 miles of segment	12	12	0		400.00	SM	FS	FS	No

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- Superceded 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: 2112 Upper Nueces River

Wate	r body type: Freshwater St	ream					Water	· body size:		118	М	iles	
<u>YEAR</u>		<u>AU ID</u>	Assessment Area (AU)	<u># of</u> Samples	<u>#</u> Assessed	<u># of</u> <u>Exc</u>	Mean of Assessed	<u>Criteria</u>	<u>Dataset</u> Qualifier	<u>2008</u> <u>Supp</u>	<u>Integ</u> Supp	<u>Imp</u> Category	<u>Carry</u> Forwar
Aquatio	: Life Use												
Dissolv	ed Oxygen 24hr average												
2006	Dissolved Oxygen 24hr Avg	2112_01	Lower 25 miles of segment	0	0			5.00	ID	NA	NA		No
2006	Dissolved Oxygen 24hr Avg	2112_02	25 miles surrounding U.S. Highway 83	0	0			5.00	ID	NA	NA		No
2006	Dissolved Oxygen 24hr Avg	2112_03	From U.S. Highway 90 to 25 miles upstream near RR 334	0	0			5.00	ID	NA	NA		No
2006 Dissolv	Dissolved Oxygen 24hr Avg red Oxygen 24hr minimum	2112_04	Upper 43 miles of segment	0	0			5.00	ID	NA	NA		No
2006	Dissolved Oxygen 24hr Min	2112_01	Lower 25 miles of segment	0	0			3.00	ID	NA	NA		No
2006	Dissolved Oxygen 24hr Min	2112_02	25 miles surrounding U.S. Highway 83	0	0			3.00	ID	NA	NA		No
2006	Dissolved Oxygen 24hr Min	2112_03	From U.S. Highway 90 to 25 miles upstream near RR 334	0	0			3.00	ID	NA	NA		No
2006	Dissolved Oxygen 24hr Min	2112_04	Upper 43 miles of segment	0	0			3.00	ID	NA	NA		No
Dissolv	ed Oxygen grab minimum												
2008	Dissolved Oxygen Grab	2112_01	Lower 25 miles of segment	46	40	0		3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	2112_02	25 miles surrounding U.S. Highway 83	17	17	0		3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	2112_03	From U.S. Highway 90 to 25 miles upstream near RR 334	27	27	0		3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	2112_04	Upper 43 miles of segment	21	21	0		3.00	AD	FS	FS		No
Dissolv	ed Oxygen grab screening level												
2008	Dissolved Oxygen Grab	2112_01	Lower 25 miles of segment	46	40	1		5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	2112_02	25 miles surrounding U.S. Highway 83	17	17	0		5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	2112_03	From U.S. Highway 90 to 25 miles upstream near RR 334	27	27	0		5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	2112_04	Upper 43 miles of segment	21	21	0		5.00	AD	NC	NC		No

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- Superceded 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: 2112 Upper Nueces River

Wate	er body type: Freshwater S	tream					Water	· body size:		118	М	iles	
YEAR	<u>.</u>	<u>AU ID</u>	Assessment Area (AU)	<u># of</u> Samples	<u>#</u> Assessed	<u># of</u> <u>Exc</u>	<u>Mean of</u> Assessed	<u>Criteria</u>	<u>Dataset</u> Qualifier	<u>2008</u> <u>Supp</u>	<u>Integ</u> Supp	<u>Imp</u> Category	<u>Carry</u> Forward
Aquati	c Life Use												
Fish C	Community												
2006	Fish Community	2112_01	Lower 25 miles of segment	0	0				ID	NA	NA		No
2006	Fish Community	2112_02	25 miles surrounding U.S. Highway 83	0	0				ID	NA	NA		No
2006	Fish Community	2112_03	From U.S. Highway 90 to 25 miles upstream near RR 334	0	0				ID	NA	NA		No
2006	Fish Community	2112_04	Upper 43 miles of segment	0	0				ID	NA	NA		No
Habita		2112 01		0	0				ID				N
2006	Habitat	2112_01	Lower 25 miles of segment	0	0				ID	NA	NA		No
2006	Habitat	2112_02	25 miles surrounding U.S. Highway 83	0	0				ID	NA	NA		No
2006	Habitat	2112_03	From U.S. Highway 90 to 25 miles upstream near RR 334	0	0				ID	NA	NA		No
2006	Habitat	2112_04	Upper 43 miles of segment	0	0				ID	NA	NA		No
Macro	obenthic Community												
2006	Macrobenthic Community	2112_01	Lower 25 miles of segment	0	0				ID	NA	NA		No
2006	Macrobenthic Community	2112_02	25 miles surrounding U.S. Highway 83	0	0				ID	NA	NA		No
2006	Macrobenthic Community	2112_03	From U.S. Highway 90 to 25 miles upstream near RR 334	0	0				ID	NA	NA		No
2006	Macrobenthic Community	2112_04	Upper 43 miles of segment	0	0				ID	NA	NA		No

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- Superceded 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.

#### **Upper Nueces River** Segment ID: 2112

Wate	r body type: Freshwater	Stream					Wate	r body size:		118	Μ	liles	
<u>YEAR</u>		<u>AU ID</u>	Assessment Area (AU)	<u># of</u> Samples	<u>#</u> Assessed	<u># of</u> <u>Exc</u>	<u>Mean of</u> <u>Assessed</u>	<u>Criteria</u>	<u>Dataset</u> Qualifier	<u>2008</u> <u>Supp</u>	<u>Integ</u> Supp	<u>Imp</u> Category	<u>Carry</u> Forwa
Genera	l Use	_											
Dissolv	ved Solids												
2008	Chloride	2112_01	Lower 25 miles of segment	105	105		25.90	50.00	AD	FS	FS		No
2008	Chloride	2112_02	25 miles surrounding U.S. Highway 83	105	105		25.90	50.00	AD	FS	FS		No
2008	Chloride	2112_03	From U.S. Highway 90 to 25 miles upstream near RR 334	105	105		25.90	50.00	AD	FS	FS		No
2008	Chloride	2112_04	Upper 43 miles of segment	105	105		25.90	50.00	AD	FS	FS		No
2008	Sulfate	2112_01	Lower 25 miles of segment	105	105		18.56	50.00	AD	FS	FS		No
2008	Sulfate	2112_02	25 miles surrounding U.S. Highway 83	105	105		18.56	50.00	AD	FS	FS		No
2008	Sulfate	2112_03	From U.S. Highway 90 to 25 miles upstream near RR 334	105	105		18.56	50.00	AD	FS	FS		No
2008	Sulfate	2112_04	Upper 43 miles of segment	105	105		18.56	50.00	AD	FS	FS		No
2008	Total Dissolved Solids	2112_01	Lower 25 miles of segment	127	127		264.62	400.00	AD	FS	FS		No
2008	Total Dissolved Solids	2112_02	25 miles surrounding U.S. Highway 83	127	127		264.62	400.00	AD	FS	FS		No
2008	Total Dissolved Solids	2112_03	From U.S. Highway 90 to 25 miles upstream near RR 334	127	127		264.62	400.00	AD	FS	FS		No
2008 High p	Total Dissolved Solids H	2112_04	Upper 43 miles of segment	127	127		264.62	400.00	AD	FS	FS		No
	рН	2112_01	Lower 25 miles of segment	46	40	0		9.00	AD	FS	FS		No
2008	рН	2112_02	25 miles surrounding U.S. Highway 83	17	17	0		9.00	AD	FS	FS		No
2008	pH	2112_03	From U.S. Highway 90 to 25 miles upstream near RR 334	25	25	0		9.00	AD	FS	FS		No
2008	*	2112_04	Upper 43 miles of segment	21	21	0		9.00	AD	FS	FS		No
Low pl 2008	рН	2112 01	Lower 25 miles of segment	46	40	0		6.50	AD	FS	FS		No
	рН	2112_01 2112_02	25 miles surrounding U.S. Highway 83	40	40 17	0		6.50	AD	FS	FS		No
	рн pH	2112_02	From U.S. Highway 90 to 25 miles upstream near RR 334	25	25	1		6.50	AD AD	FS	FS		No
2008	pH	2112_04	Upper 43 miles of segment	21	21	0		6.50	AD	FS	FS		No

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- Limited Data; TR- Not Temporally Representative; SR- Not Spatially Representative; SM- Superceded 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: 2112 Upper Nueces River

Wate	er body type: Freshwate	er Stream					Wate	r body size:		118	М	iles	
YEAR		<u>AU ID</u>	Assessment Area (AU)	<u># of</u> Samples	<u>#</u> Assessed	<u># of</u> <u>Exc</u>	<u>Mean of</u> <u>Assessed</u>	<u>Criteria</u>	<u>Dataset</u> <u>Qualifier</u>	<u>2008</u> <u>Supp</u>	<u>Integ</u> Supp	<u>Imp</u> Category	<u>Carry</u> Forward
Genera	ıl Use	_											
Nutrie	nt Screening Levels												
2008	Ammonia	2112_01	Lower 25 miles of segment	43	43	0		0.33	AD	NC	NC		No
2008	Ammonia	2112_02	25 miles surrounding U.S. Highway 83	16	16	2		0.33	AD	NC	NC		No
2008	Ammonia	2112_03	From U.S. Highway 90 to 25 miles upstream near RR 334	27	27	0		0.33	AD	NC	NC		No
2008	Ammonia	2112_04	Upper 43 miles of segment	20	20	2		0.33	AD	NC	NC		No
2008	Chlorophyll-a	2112_01	Lower 25 miles of segment	42	42	1		14.10	AD	NC	NC		No
2008	Chlorophyll-a	2112_02	25 miles surrounding U.S. Highway 83	11	11	0		14.10	AD	NC	NC		No
2008	Chlorophyll-a	2112_03	From U.S. Highway 90 to 25 miles upstream near RR 334	27	27	0		14.10	AD	NC	NC		No
2008	Chlorophyll-a	2112_04	Upper 43 miles of segment	18	18	0		14.10	AD	NC	NC		No
2008	Nitrate	2112_01	Lower 25 miles of segment	42	42	0		1.95	AD	NC	NC		No
2008	Nitrate	2112_02	25 miles surrounding U.S. Highway 83	17	17	0		1.95	AD	NC	NC		No
2008	Nitrate	2112_03	From U.S. Highway 90 to 25 miles upstream near RR 334	27	27	1		1.95	AD	NC	NC		No
2008	Nitrate	2112_04	Upper 43 miles of segment	21	21	0		1.95	AD	NC	NC		No
2008	Orthophosphorus	2112_01	Lower 25 miles of segment	42	42	0		0.37	AD	NC	NC		No
2008	Orthophosphorus	2112_02	25 miles surrounding U.S. Highway 83	9	9	0		0.37	LD	NC	NC		No
2008	Orthophosphorus	2112_03	From U.S. Highway 90 to 25 miles upstream near RR 334	27	27	0		0.37	AD	NC	NC		No
2008	Orthophosphorus	2112_04	Upper 43 miles of segment	6	6	0		0.37	LD	NC	NC		No
2008	Total Phosphorus	2112_01	Lower 25 miles of segment	43	43	0		0.69	AD	NC	NC		No
2008	Total Phosphorus	2112_02	25 miles surrounding U.S. Highway 83	17	17	0		0.69	AD	NC	NC		No
2008	Total Phosphorus	2112_03	From U.S. Highway 90 to 25 miles upstream near RR 334	26	26	0		0.69	AD	NC	NC		No
2008	Total Phosphorus	2112_04	Upper 43 miles of segment	21	21	0		0.69	AD	NC	NC		No

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- Superceded 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: 2112 Upper Nueces River

Water body type:	Freshwater Stream					Wate	r body size:		118	М	liles	
<u>YEAR</u>	<u>AU ID</u>	Assessment Area (AU)	<u># of</u> <u>Samples</u>	<u>#</u> Assessed	<u># of</u> <u>Exc</u>	<u>Mean of</u> <u>Assessed</u>	<u>Criteria</u>	<u>Dataset</u> Qualifier	<u>2008</u> <u>Supp</u>	<u>Integ</u> Supp	<u>Imp</u> <u>Category</u>	<u>Carry</u> <u>Forward</u>
General Use												
Water Temperature												
2008 Temperature	2112_01	Lower 25 miles of segment	47	41	1		32.20	AD	FS	FS		No
2008 Temperature	2112_02	25 miles surrounding U.S. Highway 83	24	24	0		32.20	AD	FS	FS		No
2008 Temperature	2112_03	From U.S. Highway 90 to 25 miles upstream near RR 334	32	32	0		32.20	AD	FS	FS		No
2008 Temperature	2112_04	Upper 43 miles of segment	21	21	0		32.20	AD	FS	FS		No

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- Superceded 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: 2112 **Upper Nueces River** Water body type: Freshwater Stream Water body size: 118 Miles # 2008 # of # of Mean of Dataset Integ Imp Carry AU ID Assessment Area (AU) <u>Oualifier</u> YEAR Samples Exc Assessed Supp Supp Category Forward Assessed Criteria **Public Water Supply Use Finished Drinking Water Dissolved Solids average** 2008 Lower 25 miles of segment OE NC NC Multiple 2112 01 No 2008 Multiple 2112 02 25 miles surrounding U.S. Highway 83 OE NC NC No From U.S. Highway 90 to 25 miles upstream OE NC 2008 Multiple 2112 03 NC No near RR 334 OE NC 2008 Multiple 2112 04 Upper 43 miles of segment NC No Finished Drinking Water MCLs and Toxic Substances running average 2008 Multiple 2112 01 Lower 25 miles of segment OE FS FS No 25 miles surrounding U.S. Highway 83 FS 2008 Multiple 2112 02 OE FS No 2008 Multiple 2112 03 From U.S. Highway 90 to 25 miles upstream OE FS FS No near RR 334 2008 Multiple 2112 04 Upper 43 miles of segment OE FS FS No **Finished Drinking Water MCLs Concern** 2008 2112 01 Lower 25 miles of segment OE NC NC Multiple No 2008 Multiple 2112 02 25 miles surrounding U.S. Highway 83 OE NC NC No 2008 Multiple 2112 03 From U.S. Highway 90 to 25 miles upstream OE NC NC No near RR 334 2008 Multiple 2112 04 Upper 43 miles of segment OE NC NC No Surface Water HH criteria for PWS average FS FS 2006 Fluoride 2112 01 Lower 25 miles of segment 41 41 4,000.00 AD No 25 miles surrounding U.S. Highway 83 FS 2006 Fluoride 2112 02 41 41 4,000.00 AD FS No From U.S. Highway 90 to 25 miles upstream 41 FS 2006 Fluoride 2112 03 41 4,000.00 AD FS No near RR 334 2006 2112 04 Upper 43 miles of segment 41 41 4,000.00 FS FS Fluoride AD No

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- Superceded 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.

#### **Upper Nueces River** Segment ID: 2112

Water body type: Freshwa	ater Stream					Wate	r body size:		118	М	files	
YEAR	<u>AU ID</u>	Assessment Area (AU)	<u># of</u> <u>Samples</u>	<u>#</u> Assessed	<u># of</u> <u>Exc</u>	<u>Mean of</u> <u>Assessed</u>	<u>Criteria</u>	<u>Dataset</u> Qualifier	<u>2008</u> <u>Supp</u>	<u>Integ</u> Supp	<u>Imp</u> <u>Category</u>	<u>Carry</u> Forwar
Recreation Use												
Bacteria Geomean												
2008 E. coli	2112_01	Lower 25 miles of segment	35	35	0	10.42	126.00	AD	FS	FS		No
2008 E. coli	2112_02	25 miles surrounding U.S. Highway 83	17	17	0	23.14	126.00	AD	FS	FS		No
2008 E. coli	2112_03	From U.S. Highway 90 to 25 miles upstream near RR 334	21	21	0	6.75	126.00	AD	FS	FS		No
2008 E. coli	2112_04	Upper 43 miles of segment	21	21	0	12.90	126.00	AD	FS	FS		No
2008 Fecal coliform	2112_01	Lower 25 miles of segment	18	18	0	14.01	200.00	SM	FS	FS		No
2006 Fecal coliform	2112_02	25 miles surrounding U.S. Highway 83	0	0			200.00	ID	NA	NA		No
2008 Fecal coliform	2112_03	From U.S. Highway 90 to 25 miles upstream near RR 334	11	11	0	8.00	200.00	SM	FS	FS		No
2006 Fecal coliform	2112_04	Upper 43 miles of segment	0	0			200.00	ID	NA	NA		No
Bacteria Single Sample												
2008 E. coli	2112_01	Lower 25 miles of segment	35	35	0		394.00	AD	FS	FS		No
2008 E. coli	2112_02	25 miles surrounding U.S. Highway 83	17	17	0		394.00	AD	FS	FS		No
2008 E. coli	2112_03	From U.S. Highway 90 to 25 miles upstream near RR 334	21	21	0		394.00	AD	FS	FS		No
2008 E. coli	2112_04	Upper 43 miles of segment	21	21	0		394.00	AD	FS	FS		No
2008 Fecal coliform	2112_01	Lower 25 miles of segment	18	18	0		400.00	SM	FS	FS		No
2006 Fecal coliform	2112_02	25 miles surrounding U.S. Highway 83	0	0			400.00	ID	NA	NA		No
2008 Fecal coliform	2112_03	From U.S. Highway 90 to 25 miles upstream near RR 334	11	11	0		400.00	SM	FS	FS		No
2006 Fecal coliform	2112_04	Upper 43 miles of segment	0	0			400.00	ID	NA	NA		No

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- Limited Data; TR- Not Temporally Representative; SR- Not Spatially Representative; SM- Superceded 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: 2113

**Upper Frio River** 

Water body type: Freshwater St	ream					Wate	er body size:		47	М	iles	
YEAR	<u>AU ID</u>	Assessment Area (AU)	<u># of</u> <u>Samples</u>	<u>#</u> Assessed	<u># of</u> <u>Exc</u>	Mean of Assessed	<u>Criteria</u>	<u>Dataset</u> Qualifier	<u>2008</u> <u>Supp</u>	<u>Integ</u> Supp	<u>Imp</u> Category	<u>Carry</u> Forwar
Aquatic Life Use												
Dissolved Oxygen 24hr average												
2008 Dissolved Oxygen 24hr Avg	2113_01	Lower 25 miles of segment	14	14	0		6.00	AD	FS	FS		No
2008 Dissolved Oxygen 24hr Avg	2113_02	Upper 22 miles of segment	24	24	0		6.00	AD	FS	FS		No
Dissolved Oxygen 24hr minimum												
2008 Dissolved Oxygen 24hr Min	2113_01	Lower 25 miles of segment	14	14	0		4.00	AD	FS	FS		No
2008 Dissolved Oxygen 24hr Min Dissolved Oxygen grab minimum	2113_02	Upper 22 miles of segment	24	24	0		4.00	AD	FS	FS		No
2008 Dissolved Oxygen Grab	2113_01	Lower 25 miles of segment	64	64	0		4.00	SM	FS	FS		No
2008 Dissolved Oxygen Grab	2113_02	Upper 22 miles of segment	38	38	0		4.00	SM	FS	FS		No
Dissolved Oxygen grab screening level	1											
2008 Dissolved Oxygen Grab	2113_01	Lower 25 miles of segment	64	64	1		6.00	SM	NC	NC		No
2008 Dissolved Oxygen Grab	2113_02	Upper 22 miles of segment	38	38	1		6.00	SM	NC	NC		No
Fish Community												
2008 Fish Community	2113_01	Lower 25 miles of segment	3	3		49.80	52.00	AD	NS	NS	5c	No
2008 Fish Community	2113_02	Upper 22 miles of segment	6	6		47.10	52.00	AD	NS	NS	5c	No
Habitat	2112 01		2	2		22.20	26.00	1.5				• •
2008 Habitat	2113_01	Lower 25 miles of segment	3	3		23.30	26.00	AD	CS	CS		No
2008 Habitat	2113_02	Upper 22 miles of segment	6	6		23.20	26.00	AD	CS	CS		No
Macrobenthic Community           2008         Macrobenthic Community	2113 01	Lower 25 miles of segment	3	3		33.20	36.00	AD	NS	NS	5c	No
	_	Lower 25 miles of segment		2							30	
2008 Macrobenthic Community Toxic Substances in sediment	2113_02	Upper 22 miles of segment	6	6		36.70	36.00	AD	FS	FS		No
2006 Multiple	2113 01	Lower 25 miles of segment	1	1	0			ID	NA	NA		No
2006 Multiple	2113_01 2113_02	Upper 22 miles of segment	1	1	0			ID	NA	NA		No
2000 Multiple	2115_02	Opper 22 miles of segment	1	1	U			ID	INA	INA		INU

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- Limited Data; TR- Not Temporally Representative; SR- Not Spatially Representative; SM- Superceded 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: 2113 Upper Frio River

Water body type: Freshwater	Stream					Wate	er body size:		47	Μ	liles	
YEAR	<u>AU ID</u>	Assessment Area (AU)	<u># of</u> <u>Samples</u>	<u>#</u> Assessed	<u># of</u> <u>Exc</u>	<u>Mean of</u> Assessed	<u>Criteria</u>	<u>Dataset</u> Qualifier	<u>2008</u> <u>Supp</u>	<u>Integ</u> Supp	<u>Imp</u> Category	<u>Carry</u> Forward
General Use	_											
Dissolved Solids												
2008 Chloride	2113_01	Lower 25 miles of segment	117	117		11.61	50.00	AD	FS	FS		No
2008 Chloride	2113_02	Upper 22 miles of segment	117	117		11.61	50.00	AD	FS	FS		No
2008 Sulfate	2113_01	Lower 25 miles of segment	112	112		13.62	50.00	AD	FS	FS		No
2008 Sulfate	2113_02	Upper 22 miles of segment	112	112		13.62	50.00	AD	FS	FS		No
2008 Total Dissolved Solids	2113_01	Lower 25 miles of segment	123	123		258.16	400.00	AD	FS	FS		No
2008 Total Dissolved Solids	2113_02	Upper 22 miles of segment	123	123		258.16	400.00	AD	FS	FS		No
High pH												
2008 pH	2113_01	Lower 25 miles of segment	69	69	0		9.00	AD	FS	FS		No
2008 pH	2113_02	Upper 22 miles of segment	41	41	0		9.00	AD	FS	FS		No
Low pH												
2008 рН	2113_01	Lower 25 miles of segment	69	69	1		6.50	AD	FS	FS		No
2008 pH	2113_02	Upper 22 miles of segment	41	41	0		6.50	AD	FS	FS		No
Nutrient Screening Levels 2008 Ammonia	2112 01	Lower 25 miles of someont	74	74	5		0.33	AD	NC	NC		No
	2113_01	Lower 25 miles of segment	74									
2008 Ammonia	2113_02	Upper 22 miles of segment	41	41	10		0.33	AD	NC	NC		No
2008 Chlorophyll-a	2113_01	Lower 25 miles of segment	41	41	0		14.10	AD	NC	NC		No
2008 Chlorophyll-a	2113_02	Upper 22 miles of segment	47	47	0		14.10	AD	NC	NC		No
2008 Nitrate	2113_01	Lower 25 miles of segment	72	72	0		1.95	AD	NC	NC		No
2008 Nitrate	2113_02	Upper 22 miles of segment	39	39	0		1.95	AD	NC	NC		No
2008 Orthophosphorus	2113_01	Lower 25 miles of segment	73	73	0		0.37	AD	NC	NC		No
2008 Orthophosphorus	2113_02	Upper 22 miles of segment	39	39	1		0.37	AD	NC	NC		No
2008 Total Phosphorus	2113_01	Lower 25 miles of segment	59	59	0		0.69	AD	NC	NC		No
2008 Total Phosphorus	2113_02	Upper 22 miles of segment	36	36	0		0.69	AD	NC	NC		No
Water Temperature												
2008 Temperature	2113_01	Lower 25 miles of segment	77	77	0		32.20	AD	FS	FS		No
2008 Temperature	2113_02	Upper 22 miles of segment	45	45	0		32.20	AD	FS	FS		No

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- Superceded 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:	2113 Upper l	Frio River									
Water body ty	<b>pe:</b> Freshwater Stream					Wat	er body size:		47	М	liles
YEAR	<u>AU ID</u>	Assessment Area (AU)	<u># of</u> <u>Samples</u>	<u>#</u> Assessed	<u># of</u> <u>Exc</u>	Mean of Assessed	<u>Criteria</u>	<u>Dataset</u> Qualifier	<u>2008</u> <u>Supp</u>	<u>Integ</u> Supp	<u>Imp</u> <u>Carry</u> <u>Category</u> <u>Forward</u>
Public Water Sup	ply Use										
Finished Drinkin	g Water Dissolved Solids averag	e									
2008 Multiple	2113_01	Lower 25 miles of segment						OE	NC	NC	No
2008 Multiple	2113_02	Upper 22 miles of segment						OE	NC	NC	No
Finished Drinkin	g Water MCLs and Toxic Subst	0 0									
2008 Multiple	2113_01	Lower 25 miles of segment						OE	FS	FS	No
2008 Multiple	2113_02	Upper 22 miles of segment						OE	FS	FS	No
	g Water MCLs Concern										
2008 Multiple	2113_01	Lower 25 miles of segment						OE	NC	NC	No
2008 Multiple	2113_02	Upper 22 miles of segment						OE	NC	NC	No
	H criteria for PWS average	I 05 1 6	26	26		0.15	1 000 00		FC	FC	N
2006 Fluoride	2113_01	Lower 25 miles of segment	26	26		0.15	4,000.00	AD	FS	FS	No
2006 Fluoride	2113_02	Upper 22 miles of segment	26	26		0.15	4,000.00	AD	FS	FS	No
Recreation Use											
Bacteria Geomea											
2008 E. coli	2113_01	Lower 25 miles of segment	32	32	0	15.84	126.00	AD	FS	FS	No
2008 E. coli	2113_02		37	37	0	47.59	126.00	AD	FS	FS	No
2008 Fecal coli	form 2113_01	Lower 25 miles of segment	13	13	0	17.24	200.00	SM	FS	FS	No
2008 Fecal coli		Upper 22 miles of segment	17	17	0	38.16	200.00	SM	FS	FS	No
Bacteria Single S											
2008 E. coli	2113_01	Lower 25 miles of segment	32	32	0		394.00	AD	FS	FS	No
2008 E. coli	2113_02		37	37	2		394.00	AD	FS	FS	No
2008 Fecal coli	form 2113_01	Lower 25 miles of segment	13	13	0		400.00	SM	FS	FS	No
2008 Fecal coli	form 2113_02	Upper 22 miles of segment	17	17	0		400.00	SM	FS	FS	No

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- Limited Data; TR- Not Temporally Representative; SR- Not Spatially Representative; SR- Superceded 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: 2114 Hondo Creek

Wate	er body type: Freshwater Stre	eam					Wate	er body size:		78	Μ	liles	
				<u># of</u>	<u>#</u>	<u># of</u>	Mean of		Dataset_	2008	Integ	<u>Imp</u>	Carry
YEAR		<u>AU ID</u>	Assessment Area (AU)	<u>Samples</u>	Assessed	Exc	Assessed	<u>Criteria</u>	<u>Qualifier</u>	<u>Supp</u>	<u>Supp</u>	Category	Forwar
Aquati	c Life Use												
Dissolv	ved Oxygen grab minimum												
2008	Dissolved Oxygen Grab	2114_01	Lower 53 miles of segment	24	24	0		3.00	AD	FS	FS		No
	ved Oxygen grab screening level												
	Dissolved Oxygen Grab	2114_01	Lower 53 miles of segment	24	24	1		5.00	AD	NC	NC		No
Genera	l Use												
Dissolv	ved Solids												
2008	Chloride	2114_01	Lower 53 miles of segment	25	25		10.92	50.00	AD	FS	FS		No
2008	Chloride	2114_02	Upper 25 miles of segment	25	25		10.92	50.00	AD	FS	FS		No
2008	Sulfate	2114_01	Lower 53 miles of segment	25	25		36.96	100.00	AD	FS	FS		No
2008	Sulfate	2114_02	Upper 25 miles of segment	25	25		36.96	100.00	AD	FS	FS		No
2008	Total Dissolved Solids	2114_01	Lower 53 miles of segment	34	34		263.60	400.00	AD	FS	FS		No
2008	Total Dissolved Solids	2114_02	Upper 25 miles of segment	34	34		263.60	400.00	AD	FS	FS		No
High p	Н												
2008	pH	2114_01	Lower 53 miles of segment	23	23	0		9.00	AD	FS	FS		No
Low p													
	рН	2114_01	Lower 53 miles of segment	23	23	0		6.50	AD	FS	FS		No
	nt Screening Levels												
2008	Ammonia	2114_01	Lower 53 miles of segment	25	25	I		0.33	AD	NC	NC		No
2008	Chlorophyll-a	2114_01	Lower 53 miles of segment	25	25	0		14.10	AD	NC	NC		No
2008	Nitrate	2114_01	Lower 53 miles of segment	23	23	0		1.95	AD	NC	NC		No
2008	Orthophosphorus	2114_01	Lower 53 miles of segment	23	23	0		0.37	AD	NC	NC		No
2008	Total Phosphorus	2114_01	Lower 53 miles of segment	25	25	0		0.69	AD	NC	NC		No
	Temperature												
2008	Temperature	2114_01	Lower 53 miles of segment	31	31	2		32.20	AD	FS	FS		No

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Segr	ment ID: 2114	Hondo C	reek										
Wat	er body type: Freshwater St	tream					Wate	r body size:		78	М	iles	
YEAI	<u>3</u>	<u>AU ID</u>	Assessment Area (AU)	<u># of</u> <u>Samples</u>	<u>#</u> Assessed	<u># of</u> <u>Exc</u>	<u>Mean of</u> Assessed	Criteria	<u>Dataset</u> Qualifier	<u>2008</u> <u>Supp</u>	<u>Integ</u> Supp	<u>Imp</u> Category	<u>Carry</u> <u>Forward</u>
Public	Water Supply Use												
Finisł	ed Drinking Water Dissolved S	olids average											
2008	Multiple	2114_01	Lower 53 miles of segment						OE	NC	NC		No
2008	Multiple	2114_02	Upper 25 miles of segment						OE	NC	NC		No
	ned Drinking Water MCLs and		8 8										
2008	Multiple	2114_01	Lower 53 miles of segment						OE	FS	FS		No
2008		2114_02	Upper 25 miles of segment						OE	FS	FS		No
	ed Drinking Water MCLs Con												
2008	Multiple	2114_01	Lower 53 miles of segment						OE	NC	NC		No
2008		2114_02	Upper 25 miles of segment						OE	NC	NC		No
	ce Water HH criteria for PWS a	8		1.5	1.5			1 000 00		FG	FG		2.1
2006		2114_01	Lower 53 miles of segment	15	15			4,000.00	AD	FS	FS		No
2006		2114_02	Upper 25 miles of segment	15	15			4,000.00	AD	FS	FS		No
	ation Use	•											
	ria Geomean												
2008		2114_01	Lower 53 miles of segment	13	13	0	11.85	126.00	AD	FS	FS		No
2008	Fecal coliform	2114_01	Lower 53 miles of segment	11	11	0	27.37	200.00	SM	FS	FS		No
	ria Single Sample	0114 61			10	0		204.00		FG	FG		
2008		2114_01	Lower 53 miles of segment	13	13	0		394.00	AD	FS	FS		No
2008	Fecal coliform	2114_01	Lower 53 miles of segment	11	11	0		400.00	SM	FS	FS		No

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- Superceded 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: 2115 Seco Creek

Water body type: Freshwater Str	eam					Water	r body size:		70	М	iles	
YEAR	<u>AU ID</u>	Assessment Area (AU)	<u># of</u> <u>Samples</u>	<u>#</u> Assessed	<u># of</u> <u>Exc</u>	<u>Mean of</u> Assessed	<u>Criteria</u>	<u>Dataset</u> Qualifier	<u>2008</u> <u>Supp</u>	<u>Integ</u> Supp	<u>Imp</u> Category	<u>Carry</u> Forward
Aquatic Life Use												
Acute Toxic Substances in water												
2006 Multiple	2115_01	Lower 45 miles	0	0	0			ID	NA	NA		No
Chronic Toxic Substances in water												
2006 Multiple	2115_01	Lower 45 miles	0	0				ID	NA	NA		No
Dissolved Oxygen grab minimum												
2008 Dissolved Oxygen Grab	2115_01	Lower 45 miles	25	25	0		3.00	AD	FS	FS		No
Dissolved Oxygen grab screening level												
2008 Dissolved Oxygen Grab	2115_01	Lower 45 miles	25	25	0		5.00	AD	NC	NC		No
Fish Community												
2006 Fish Community	2115_01	Lower 45 miles	0	0				ID	NA	NA		No
Habitat												
2006 Habitat	2115_01	Lower 45 miles	0	0				ID	NA	NA		No
Macrobenthic Community												
2006 Macrobenthic Community	2115_01	Lower 45 miles	0	0				ID	NA	NA		No
Toxic Substances in sediment	0115 01		0	0				ID				
2006 Multiple	2115_01	Lower 45 miles	0	0				ID	NA	NA		No
Fish Consumption Use												
<b>Bioaccumulative Toxics in fish tissue</b>												
2006 Multiple	2115_01	Lower 45 miles	0	0				ID	NA	NA		No
HH Bioaccumulative Toxics in water												
2006 Multiple	2115_01	Lower 45 miles	0	0				ID	NA	NA		No

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- Superceded 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: 2115 Seco Creek

Water body type: Freshwater	Stream					Wate	er body size:		70	Μ	files	
YEAR	<u>AU ID</u>	Assessment Area (AU)	<u># of</u> <u>Samples</u>	<u>#</u> Assessed	<u># of</u> <u>Exc</u>	<u>Mean of</u> <u>Assessed</u>	<u>Criteria</u>	<u>Dataset</u> <u>Qualifier</u>	<u>2008</u> <u>Supp</u>	<u>Integ</u> Supp	Imp Category	<u>Carry</u> Forward
General Use	_											
Dissolved Solids												
2008 Chloride	2115_01	Lower 45 miles	24	24		11.04	50.00	AD	FS	FS		No
2008 Chloride	2115_02	Upper 25 miles	24	24		11.04	50.00	AD	FS	FS		No
2008 Sulfate	2115_01	Lower 45 miles	24	24		42.58	70.00	AD	FS	FS		No
2008 Sulfate	2115_02	Upper 25 miles	24	24		42.58	70.00	AD	FS	FS		No
2008 Total Dissolved Solids	2115_01	Lower 45 miles	35	35		254.61	400.00	AD	FS	FS		No
2008 Total Dissolved Solids	2115_02	Upper 25 miles	35	35		254.61	400.00	AD	FS	FS		No
High pH												
2008 pH	2115_01	Lower 45 miles	24	24	0		9.00	AD	FS	FS		No
Low pH												
2008 pH	2115_01	Lower 45 miles	24	24	1		6.50	AD	FS	FS		No
Nutrient Screening Levels 2008 Ammonia	2115_01	Lower 45 miles	24	24	0		0.33	AD	NC	NC		No
	2115_01 2115_01	Lower 45 miles	24 24	24 24	0		14.10	AD	NC	NC		No
2008 Chlorophyll-a 2008 Nitrate	2115_01 2115_01	Lower 45 miles	24 23	24	0		14.10	AD	NC	NC		No
2008 Orthophosphorus	2115_01	Lower 45 miles	23	23	0		0.37	AD	NC	NC		No
2008 Total Phosphorus Water Temperature	2115_01	Lower 45 miles	24	24	0		0.69	AD	NC	NC		No
2008 Temperature	2115 01	Lower 45 miles	30	30	2		32.20	AD	FS	FS		No
2000 Temperature	2115_01		50	50	-		52.20		10	10		110

#### 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- Limited Data; TR- Not Temporally Representative; SR- Not Spatially Representative; SM- Superceded 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:** 2115 Seco Creek Water body type: Freshwater Stream Water body size: 70 Miles # 2008 # of # of Mean of Dataset Integ Imp Carry AU ID Assessment Area (AU) Oualifier YEAR Samples Exc Assessed Supp <u>Supp</u> Category Forward Assessed Criteria Public Water Supply Use Finished Drinking Water Dissolved Solids average 2008 Lower 45 miles OE NC NC Multiple 2115 01 No 2008 Multiple 2115 02 Upper 25 miles OE NC NC No Finished Drinking Water MCLs and Toxic Substances running average 2008 OE FS FS Multiple 2115 01 Lower 45 miles No 2008 Multiple 2115 02 Upper 25 miles OE FS FS No **Finished Drinking Water MCLs Concern** 2008 2115 01 Lower 45 miles OE NC NC Multiple No 2115 02 OE NC 2008 Multiple Upper 25 miles NC No Surface Water HH criteria for PWS average 2115 01 Lower 45 miles 14 14 4,000.00 FS FS 2006 Fluoride AD No 2006 Fluoride 2115 02 Upper 25 miles 14 14 4,000.00 AD FS FS No **Recreation Use Bacteria Geomean** 4.97 FS FS 2008 E. coli 2115 01 Lower 45 miles 14 14 0 126.00 AD No 2008 Fecal coliform 2115 01 Lower 45 miles 12 12 0 26.79 200.00 SM FS FS No **Bacteria Single Sample** 2008 E. coli 2115 01 Lower 45 miles 14 14 0 394.00 AD FS FS No

12

12

0

400.00

SM

FS

FS

No

2008

Fecal coliform

2115 01

Lower 45 miles

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- Superceded 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.

Water body	type: Reservoir						Water bo	dy size:	2	6,000	A	cres	
<u>YEAR</u>		<u>AU ID</u>	Assessment Area (AU)	<u># of</u> <u>Samples</u>	<u>#</u> Assessed	<u># of</u> <u>Exc</u>	<u>Mean of</u> Assessed (	<u>Criteria</u>	<u>Dataset</u> <u>Qualifier</u>	<u>2008</u> <u>Supp</u>	<u>Integ</u> Supp	<u>Imp</u> Category	<u>Carry</u> Forward
Aquatic Life Us	se												
Acute Toxic Su	ubstances in water												
2006 Multipl	le	2116_01	5120 acres near dam	15	15	0			AD	FS	FS		No
2006 Multipl	le	2116_03	5120 acres in middle of lake	2	2	0			ID	NA	NA		No
2006 Multipl	le	2116_06	Western end of lake up to RR 99 bridge	2	2	0			ID	NA	NA		No
Chronic Toxic	Substances in water												
2006 Multipl	le	2116_01	5120 acres near dam	15	15				AD	FS	FS		No
2006 Multipl	le	2116_03	5120 acres in middle of lake	2	2				ID	NA	NA		No
2006 Multipl	le	2116_06	Western end of lake up to RR 99 bridge	2	2				ID	NA	NA		No
Dissolved Oxyg	gen 24hr average												
	ed Oxygen 24hr Avg	2116_06	Western end of lake up to RR 99 bridge	10	10	3		5.00	AD	NS	NS	5c	Yes
	gen 24hr minimum												
	ved Oxygen 24hr Min	2116_06	Western end of lake up to RR 99 bridge	10	10	2		3.00	AD	CN	CN		No
•••	gen grab minimum	0116 01	5120	00	01	0		2 00	1.5	EG	FC		
	ved Oxygen Grab	2116_01	5120 acres near dam	98	21	0		3.00	AD	FS	FS		No
2008 Dissolv	ved Oxygen Grab	2116_02	Small north arm of lake near dam and Willow Hollow Tank	56	19	0		3.00	AD	FS	FS		No
2008 Dissolv	ved Oxygen Grab	2116_03	5120 acres in middle of lake	100	21	0		3.00	AD	FS	FS		No
2008 Dissolv	ved Oxygen Grab	2116_04	Large north arm near mid lake and Jacob Oil Field	62	20	0		3.00	AD	FS	FS		No
2008 Dissolv	ved Oxygen Grab	2116_05	Southern arm near mid lake and Rec. Road 7 west of Calliham	80	24	0		3.00	AD	FS	FS		No
2008 Dissolv	ved Oxygen Grab	2116_06	Western end of lake up to RR 99 bridge	91	28	2		3.00	AD	FS	FS		No

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- Superceded 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.

Wate	r body type: Reservoir						Water l	oody size:	2	6,000	A	cres	
<u>YEAR</u>		<u>AU ID</u>	Assessment Area (AU)	<u># of</u> <u>Samples</u>	<u>#</u> Assessed	<u># of</u> <u>Exc</u>	<u>Mean of</u> Assessed	<u>Criteria</u>	<u>Dataset</u> Qualifier	<u>2008</u> <u>Supp</u>	<u>Integ</u> Supp	<u>Imp</u> Category	<u>Carry</u> Forwa
Aquatic	: Life Use												
Dissolv	ed Oxygen grab screening leve	l											
2008	Dissolved Oxygen Grab	2116_01	5120 acres near dam	98	21	0		5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	2116_02	Small north arm of lake near dam and Willow Hollow Tank	56	19	0		5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	2116_03	5120 acres in middle of lake	100	21	1		5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	2116_04	Large north arm near mid lake and Jacob Oil Field	62	20	0		5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	2116_05	Southern arm near mid lake and Rec. Road 7 west of Calliham	80	24	5		5.00	AD	CS	CS		No
2008	Dissolved Oxygen Grab	2116_06	Western end of lake up to RR 99 bridge	91	28	7		5.00	AD	CS	CS		No
Toxic S	Substances in sediment												
2006	Multiple	2116_01	5120 acres near dam	4	4	0			LD	NC	NC		No
2006	Multiple	2116_02	Small north arm of lake near dam and Willow Hollow Tank	4	4	0			LD	NC	NC		No
2006	Multiple	2116_03	5120 acres in middle of lake	4	4	0			LD	NC	NC		No
2006	Multiple	2116_04	Large north arm near mid lake and Jacob Oil Field	4	4	0			LD	NC	NC		No
2006	Multiple	2116_05	Southern arm near mid lake and Rec. Road 7 west of Calliham	4	4	0			LD	NC	NC		No
2006	Multiple	2116_06	Western end of lake up to RR 99 bridge	4	4	0			LD	NC	NC		No
2006	Multiple	2116_07	Remainder of lake	4	4	0			LD	NC	NC		No

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Water body type: Reservoir						Water be	ody size:	2	6,000	A	cres	
YEAR	<u>AU ID</u>	Assessment Area (AU)	<u># of</u> <u>Samples</u>	<u>#</u> Assessed	<u># of</u> <u>Exc</u>	Mean of Assessed	<u>Criteria</u>	<u>Dataset</u> Qualifier	<u>2008</u> <u>Supp</u>	<u>Integ</u> Supp	<u>Imp</u> Category	<u>Carry</u> Forward
Fish Consumption Use	_											
Bioaccumulative Toxics in fish tissue												
2006 Multiple	2116_01	5120 acres near dam	2	2				ID	NA	NA		No
2006 Multiple	2116_02	Small north arm of lake near dam and Willow Hollow Tank	2	2				ID	NA	NA		No
2006 Multiple	2116_03	5120 acres in middle of lake	2	2				ID	NA	NA		No
2006 Multiple	2116_04	Large north arm near mid lake and Jacob Oil Field	2	2				ID	NA	NA		No
2006 Multiple	2116_05	Southern arm near mid lake and Rec. Road 7 west of Calliham	2	2				ID	NA	NA		No
2006 Multiple	2116_06	Western end of lake up to RR 99 bridge	2	2				ID	NA	NA		No
2006 Multiple	2116_07	Remainder of lake	2	2				ID	NA	NA		No
HH Bioaccumulative Toxics in water	r											
2006 Multiple	2116_01	5120 acres near dam	18	18				AD	FS	FS		No
2006 Multiple	2116_02	Small north arm of lake near dam and Willow Hollow Tank	18	18				AD	FS	FS		No
2006 Multiple	2116_03	5120 acres in middle of lake	18	18				AD	FS	FS		No
2006 Multiple	2116_04	Large north arm near mid lake and Jacob Oil Field	18	18				AD	FS	FS		No
2006 Multiple	2116_05	Southern arm near mid lake and Rec. Road 7 west of Calliham	18	18				AD	FS	FS		No
2006 Multiple	2116_06	Western end of lake up to RR 99 bridge	18	18				AD	FS	FS		No
2006 Multiple	2116_07	Remainder of lake	18	18				AD	FS	FS		No
*												

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- Superceded 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.

#### **Choke Canyon Reservoir** Segment ID: 2116 Water body type: 26,000 Reservoir Water body size: Acres <u># of</u> # <u># of</u> Mean of Dataset 2008 Integ Imp Carry YEAR AU ID Assessment Area (AU) <u>Qualifier</u> Samples 1 -Assessed Exc Assessed Criteria <u>Supp</u> <u>Supp</u> Category Forward

General Use

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- Superceded 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.

Wate	er body type: Reservoir						Wate	er body size:	2	6,000	А	cres	
YEAR	2	<u>AU ID</u>	Assessment Area (AU)	<u># of</u> <u>Samples</u>	<u>#</u> Assessed	<u># of</u> <u>Exc</u>	<u>Mean of</u> <u>Assessed</u>	<u>Criteria</u>	<u>Dataset</u> Qualifier	<u>2008</u> <u>Supp</u>	<u>Integ</u> Supp	<u>Imp</u> Category	Carry Forwar
Genera	al Use	_											
Dissol	ved Solids												
2008	Chloride	2116_01	5120 acres near dam	68	68		90.56	250.00	AD	FS	FS		No
2008	Chloride	2116_02	Small north arm of lake near dam and Willow Hollow Tank	68	68		90.56	250.00	AD	FS	FS		No
2008	Chloride	2116_03	5120 acres in middle of lake	68	68		90.56	250.00	AD	FS	FS		No
2008	Chloride	2116_04	Large north arm near mid lake and Jacob Oil Field	68	68		90.56	250.00	AD	FS	FS		No
2008	Chloride	2116_05	Southern arm near mid lake and Rec. Road 7 west of Calliham	68	68		90.56	250.00	AD	FS	FS		No
2008	Chloride	2116_06	Western end of lake up to RR 99 bridge	68	68		90.56	250.00	AD	FS	FS		No
2008	Chloride	2116_07	Remainder of lake	68	68		90.56	250.00	AD	FS	FS		No
2008	Sulfate	2116_01	5120 acres near dam	68	68		62.56	250.00	AD	FS	FS		No
2008	Sulfate	2116_02	Small north arm of lake near dam and Willow Hollow Tank	68	68		62.56	250.00	AD	FS	FS		No
2008	Sulfate	2116_03	5120 acres in middle of lake	68	68		62.56	250.00	AD	FS	FS		No
2008	Sulfate	2116_04	Large north arm near mid lake and Jacob Oil Field	68	68		62.56	250.00	AD	FS	FS		No
2008	Sulfate	2116_05	Southern arm near mid lake and Rec. Road 7 west of Calliham	68	68		62.56	250.00	AD	FS	FS		No
2008	Sulfate	2116_06	Western end of lake up to RR 99 bridge	68	68		62.56	250.00	AD	FS	FS		No
2008	Sulfate	2116_07	Remainder of lake	68	68		62.56	250.00	AD	FS	FS		No
2008	Total Dissolved Solids	2116_01	5120 acres near dam	180	180		445.21	500.00	AD	FS	FS		No
2008	Total Dissolved Solids	2116_02	Small north arm of lake near dam and Willow Hollow Tank	180	180		445.21	500.00	AD	FS	FS		No
2008	Total Dissolved Solids	2116_03	5120 acres in middle of lake	180	180		445.21	500.00	AD	FS	FS		No
2008	Total Dissolved Solids	2116_04	Large north arm near mid lake and Jacob Oil Field	180	180		445.21	500.00	AD	FS	FS		No

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Wat	er body type: Reservoir						Wate	er body size:	2	6,000	А	cres	
YEAR	<u>.</u>	<u>AU ID</u>	Assessment Area (AU)	<u># of</u> <u>Samples</u>	<u>#</u> Assessed	<u># of</u> <u>Exc</u>	<u>Mean of</u> <u>Assessed</u>	<u>Criteria</u>	<u>Dataset</u> <u>Qualifier</u>	<u>2008</u> <u>Supp</u>	<u>Integ</u> Supp	<u>Imp</u> Category	<u>Carry</u> <u>Forward</u>
Genera	al Use	_											
Dissol	ved Solids	_											
2008	Total Dissolved Solids	2116_05	Southern arm near mid lake and Rec. Road 7 west of Calliham	180	180		445.21	500.00	AD	FS	FS		No
2008	Total Dissolved Solids	2116_06	Western end of lake up to RR 99 bridge	180	180		445.21	500.00	AD	FS	FS		No
2008	Total Dissolved Solids	2116_07	Remainder of lake	180	180		445.21	500.00	AD	FS	FS		No
High p	рН												
2008	pH	2116_01	5120 acres near dam	98	21	0		9.00	AD	FS	FS		No
2008	рН	2116_02	Small north arm of lake near dam and Willow Hollow Tank	56	19	0		9.00	AD	FS	FS		No
2008	pH	2116_03	5120 acres in middle of lake	101	21	0		9.00	AD	FS	FS		No
2008	pH	2116_04	Large north arm near mid lake and Jacob Oil Field	62	20	0		9.00	AD	FS	FS		No
2008	pH	2116_05	Southern arm near mid lake and Rec. Road 7 west of Calliham	80	24	0		9.00	AD	FS	FS		No
2008	рН	2116_06	Western end of lake up to RR 99 bridge	92	28	0		9.00	AD	FS	FS		No
Low p	H												
2008	pН	2116_01	5120 acres near dam	98	21	0		6.50	AD	FS	FS		No
2008	рН	2116_02	Small north arm of lake near dam and Willow Hollow Tank	56	19	0		6.50	AD	FS	FS		No
2008	pН	2116_03	5120 acres in middle of lake	101	21	0		6.50	AD	FS	FS		No
2008	pH	2116_04	Large north arm near mid lake and Jacob Oil Field	62	20	0		6.50	AD	FS	FS		No
2008	pH	2116_05	Southern arm near mid lake and Rec. Road 7 west of Calliham	80	24	0		6.50	AD	FS	FS		No
2008	pH	2116_06	Western end of lake up to RR 99 bridge	92	28	0		6.50	AD	FS	FS		No

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- Superceded 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.

Water	r body type: Reservoir						Water	body size:	2	6,000	А	cres	
<u>YEAR</u>		<u>AU ID</u>	Assessment Area (AU)	<u># of</u> <u>Samples</u>	<u>#</u> Assessed	<u># of</u> <u>Exc</u>	<u>Mean of</u> <u>Assessed</u>	<u>Criteria</u>	<u>Dataset</u> Qualifier	<u>2008</u> <u>Supp</u>	<u>Integ</u> Supp	<u>Imp</u> <u>Category</u>	<u>Carry</u> <u>Forward</u>
General	Use												
Nutrien	nt Screening Levels												
2008	Ammonia	2116_06	Western end of lake up to RR 99 bridge	20	20	0		0.11	AD	NC	NC		No
2008	Chlorophyll-a	2116_06	Western end of lake up to RR 99 bridge	20	20	5		26.70	AD	NC	NC		No
2008	Nitrate	2116_06	Western end of lake up to RR 99 bridge	20	20	2		0.37	AD	NC	NC		No
2008	Orthophosphorus	2116_06	Western end of lake up to RR 99 bridge	7	7	0		0.05	LD	NC	NC		No
2008	Total Phosphorus	2116_06	Western end of lake up to RR 99 bridge	20	20	0		0.20	AD	NC	NC		No
Water 1	Temperature												
2008	Temperature	2116_01	5120 acres near dam	98	21	0		32.20	AD	FS	FS		No
2008	Temperature	2116_02	Small north arm of lake near dam and Willow Hollow Tank	56	19	0		32.20	AD	FS	FS		No
2008	Temperature	2116_03	5120 acres in middle of lake	101	21	0		32.20	AD	FS	FS		No
2008	Temperature	2116_04	Large north arm near mid lake and Jacob Oil Field	62	20	0		32.20	AD	FS	FS		No
2008	Temperature	2116_05	Southern arm near mid lake and Rec. Road 7 west of Calliham	80	24	0		32.20	AD	FS	FS		No
2008	Temperature	2116_06	Western end of lake up to RR 99 bridge	92	28	1		32.20	AD	FS	FS		No

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- Superceded 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.

Water body type: Reservoir						Water	· body size:	2	6,000	A	cres	
YEAR	<u>AU ID</u>	Assessment Area (AU)	<u># of</u> Samples	<u>#</u> Assessed	<u># of</u> <u>Exc</u>	<u>Mean of</u> <u>Assessed</u>	<u>Criteria</u>	<u>Dataset</u> Qualifier	<u>2008</u> <u>Supp</u>	<u>Integ</u> Supp	<u>Imp</u> <u>Category</u>	<u>Carry</u> Forward
Public Water Supply Use												
Finished Drinking Water Dissolved S	olids average											
2008 Multiple	2116_01	5120 acres near dam						OE	NC	NC		No
2008 Multiple	2116_02	Small north arm of lake near dam and Willow Hollow Tank						OE	NC	NC		No
2008 Multiple	2116_03	5120 acres in middle of lake						OE	NC	NC		No
2008 Multiple	2116_04	Large north arm near mid lake and Jacob Oil Field						OE	NC	NC		No
2008 Multiple	2116_05	Southern arm near mid lake and Rec. Road 7 west of Calliham						OE	NC	NC		No
2008 Multiple	2116_06	Western end of lake up to RR 99 bridge						OE	NC	NC		No
2008 Multiple	2116_07	Remainder of lake						OE	NC	NC		No
Finished Drinking Water MCLs and	Toxic Substar	nces running average										
2008 Multiple	2116_01	5120 acres near dam						OE	FS	FS		No
2008 Multiple	2116_02	Small north arm of lake near dam and Willow Hollow Tank						OE	FS	FS		No
2008 Multiple	2116_03	5120 acres in middle of lake						OE	FS	FS		No
2008 Multiple	2116_04	Large north arm near mid lake and Jacob Oil Field						OE	FS	FS		No
2008 Multiple	2116_05	Southern arm near mid lake and Rec. Road 7 west of Calliham						OE	FS	FS		No
2008 Multiple	2116_06	Western end of lake up to RR 99 bridge						OE	FS	FS		No
2008 Multiple	2116_07	Remainder of lake						OE	FS	FS		No

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- Superceded 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.

Wate	er body type: Reservoir						Water bod	y size:	2	6,000	A	cres	
YEAR	<u>.</u>	<u>AU ID</u>	Assessment Area (AU)	<u># of</u> Samples	<u>#</u> Assessed	<u># of</u> <u>Exc</u>	Mean of Assessed Cri	iteria	<u>Dataset</u> Qualifier	<u>2008</u> <u>Supp</u>	<u>Integ</u> Supp	<u>Imp</u> Category	<u>Carry</u> Forward
Public	Water Supply Use												
Finish	ed Drinking Water MCLs Conc	ern											
2008	Multiple	2116_01	5120 acres near dam						OE	NC	NC		No
2008	Multiple	2116_02	Small north arm of lake near dam and Willow Hollow Tank						OE	NC	NC		No
2008	Multiple	2116_03	5120 acres in middle of lake						OE	NC	NC		No
2008	Multiple	2116_04	Large north arm near mid lake and Jacob Oil Field						OE	NC	NC		No
2008	Multiple	2116_05	Southern arm near mid lake and Rec. Road 7 west of Calliham						OE	NC	NC		No
2008	Multiple	2116_06	Western end of lake up to RR 99 bridge						OE	NC	NC		No
2008	Multiple	2116_07	Remainder of lake						OE	NC	NC		No

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- Superceded 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.

Water	body type: Reservoir						Water	r body size:	2	6,000	A	cres	
YEAR		<u>AU ID</u>	Assessment Area (AU)	<u># of</u> <u>Samples</u>	<u>#</u> Assessed	<u># of</u> <u>Exc</u>	<u>Mean of</u> <u>Assessed</u>	<u>Criteria</u>	<u>Dataset</u> Qualifier	<u>2008</u> <u>Supp</u>	<u>Integ</u> Supp	<u>Imp</u> Category	<u>Carry</u> Forwar
Public W	ater Supply Use	_											
Surface V	Water HH criteria for PW	/S average											
2006 M	Multiple	2116_01	5120 acres near dam	18	18				AD	FS	FS		No
2006 N	Multiple	2116_02	Small north arm of lake near dam and Willow Hollow Tank	18	18				AD	FS	FS		No
2006 N	Multiple	2116_04	Large north arm near mid lake and Jacob Oil Field	18	18				AD	FS	FS		No
2006 N	Multiple	2116_05	Southern arm near mid lake and Rec. Road 7 west of Calliham	18	18				AD	FS	FS		No
2006 M	Multiple	2116_06	Western end of lake up to RR 99 bridge	18	18				AD	FS	FS		No
2006 M	Multiple	2116_07	Remainder of lake	18	18				AD	FS	FS		No
2006 N	Nitrate	2116_01	5120 acres near dam	12	12		0.05	10.00	AD	FS	FS		No
2006 N	Vitrate	2116_02	Small north arm of lake near dam and Willow Hollow Tank	12	12		0.05	10.00	AD	FS	FS		No
2006 N	Nitrate	2116_04	Large north arm near mid lake and Jacob Oil Field	12	12		0.05	10.00	AD	FS	FS		No
2006 N	Vitrate	2116_05	Southern arm near mid lake and Rec. Road 7 west of Calliham	12	12		0.05	10.00	AD	FS	FS		No
2006 N	Nitrate	2116_06	Western end of lake up to RR 99 bridge	12	12		0.05	10.00	AD	FS	FS		No
2006 N	Nitrate	2116_07	Remainder of lake	12	12		0.05	10.00	AD	FS	FS		No
Surface V	Water Toxic Substances a	verage concern											
2006 M	MTBE	2116_01	5120 acres near dam	2	2			240.00	ID	NA	NA		No

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Water body type: Reservoir						Water	<u>body size:</u>	2	6,000	A	cres	
YEAR	<u>AU ID</u>	Assessment Area (AU)	<u># of</u> Samples	<u>#</u> Assessed	<u># of</u> <u>Exc</u>	<u>Mean of</u> Assessed	<u>Criteria</u>	<u>Dataset</u> <u>Qualifier</u>	<u>2008</u> <u>Supp</u>	<u>Integ</u> Supp		<u>Carry</u> Forward
Recreation Use												
Bacteria Geomean												
2008 E. coli	2116_01	5120 acres near dam	0	0				ID	NA	NA		No
2008 E. coli	2116_02	Small north arm of lake near dam and Willow Hollow Tank	0	0				ID	NA	NA		No
2008 E. coli	2116_04	Large north arm near mid lake and Jacob Oil Field	0	0				ID	NA	NA		No
2008 E. coli	2116_05	Southern arm near mid lake and Rec. Road 7 west of Calliham	0	0				ID	NA	NA		No
2008 E. coli	2116_06	Western end of lake up to RR 99 bridge	13	13	0	2.17	126.00	AD	FS	FS		No
2008 E. coli	2116_07	Remainder of lake	0	0				ID	NA	NA		No
2008 Fecal coliform	2116_01	5120 acres near dam	0	0				ID	NA	NA		No
2008 Fecal coliform	2116_02	Small north arm of lake near dam and Willow Hollow Tank	0	0				ID	NA	NA		No
2008 Fecal coliform	2116_03	5120 acres in middle of lake	0	0				ID	NA	NA		No
2008 Fecal coliform	2116_04	Large north arm near mid lake and Jacob Oil Field	0	0				ID	NA	NA		No
2008 Fecal coliform	2116_05	Southern arm near mid lake and Rec. Road 7 west of Calliham	0	0				ID	NA	NA		No
2008 Fecal coliform	2116_06	Western end of lake up to RR 99 bridge	0	0				ID	NA	NA		No
2008 Fecal coliform	2116_07	Remainder of lake	0	0				ID	NA	NA		No
Bacteria Single Sample												
2008 E. coli	2116_06	Western end of lake up to RR 99 bridge	13	13	0		394.00	AD	FS	FS		No

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#### 2117 Frio River Above Choke Canyon Reservoir

Segment ID:

Wate	er body type: Freshwater Str	eam					Wate	r body size:		158	Μ	liles	
<u>YEAR</u>		<u>AU ID</u>	Assessment Area (AU)	<u># of</u> Samples	<u>#</u> Assessed	<u># of</u> <u>Exc</u>	<u>Mean of</u> <u>Assessed</u>	<u>Criteria</u>	<u>Dataset</u> <u>Qualifier</u>	<u>2008</u> <u>Supp</u>	<u>Integ</u> Supp	<u>Imp</u> Category	<u>Carry</u> Forwar
Aquatio	c Life Use												
Acute '	Toxic Substances in water												
	Multiple	2117_01	Lower 25 miles of segment	16	16	0			AD	FS	FS		No
	ic Toxic Substances in water												
	Multiple	2117_01	Lower 25 miles of segment	16	16				AD	FS	FS		No
	ved Oxygen 24hr average												
2008	Dissolved Oxygen 24hr Avg	2117_01	Lower 25 miles of segment	1	1	1		5.00	ID	NA	NA		No
2008	Dissolved Oxygen 24hr Avg	2117_02	From 1.5 mi. downstream of SH 97 to 23.5 mi. upstream of SH 97 crossing	7	7	0		5.00	LD	NC	NC		No
2008	Dissolved Oxygen 24hr Avg	2117_03	33 mi. surrounding State Highway 85	2	2	1		5.00	ID	NA	NA		No
2006	Dissolved Oxygen 24hr Avg	2117_04	40 miles surrounding US Highway 57	0	0			5.00	ID	NA	NA		No
Dissolv	ved Oxygen 24hr minimum												
2008	Dissolved Oxygen 24hr Min	2117_01	Lower 25 miles of segment	1	1	0		3.00	ID	NA	NA		No
2008	Dissolved Oxygen 24hr Min	2117_02	From 1.5 mi. downstream of SH 97 to 23.5 mi. upstream of SH 97 crossing	7	7	0		3.00	LD	NC	NC		No
2008	Dissolved Oxygen 24hr Min	2117_03	33 mi. surrounding State Highway 85	2	2	1		3.00	ID	NA	NA		No
2006	Dissolved Oxygen 24hr Min	2117_04	40 miles surrounding US Highway 57	0	0			3.00	ID	NA	NA		No
Dissolv	ved Oxygen grab minimum												
2008	Dissolved Oxygen Grab	2117_01	Lower 25 miles of segment	39	39	0		3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	2117_02	From 1.5 mi. downstream of SH 97 to 23.5 mi. upstream of SH 97 crossing	11	11	0		3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	2117_03	33 mi. surrounding State Highway 85	21	21	0		3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	2117_04	40 miles surrounding US Highway 57	16	16	0		3.00	AD	FS	FS		No
Dissolv	ved Oxygen grab screening level												
2008	Dissolved Oxygen Grab	2117_01	Lower 25 miles of segment	39	39	4		5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	2117_02	From 1.5 mi. downstream of SH 97 to 23.5 mi. upstream of SH 97 crossing	11	11	0		5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	2117_03	33 mi. surrounding State Highway 85	21	21	1		5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	2117 04	40 miles surrounding US Highway 57	16	16	0		5.00	AD	NC	NC		No

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- Superceded 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.

Wate	r body type: Freshwater Str	eam					Wate	r body size:		158	М	iles	
<u>YEAR</u>		<u>AU ID</u>	Assessment Area (AU)	<u># of</u> Samples	<u>#</u> Assessed	<u># of</u> <u>Exc</u>	Mean of Assessed	<u>Criteria</u>	<u>Dataset</u> Qualifier	<u>2008</u> <u>Supp</u>	<u>Integ</u> Supp	<u>Imp</u> Category	<u>Carry</u> Forwa
Aquatic	Life Use												
Fish Co	ommunity												
2006	Fish Community	2117_01	Lower 25 miles of segment	0	0				ID	NA	NA		No
2006	Fish Community	2117_02	From 1.5 mi. downstream of SH 97 to 23.5 mi. upstream of SH 97 crossing	0	0				ID	NA	NA		No
2006	Fish Community	2117_03	33 mi. surrounding State Highway 85	0	0				ID	NA	NA		No
2006	Fish Community	2117_04	40 miles surrounding US Highway 57	0	0				ID	NA	NA		No
Habita													
2006	Habitat	2117_01	Lower 25 miles of segment	0	0				ID	NA	NA		No
2006	Habitat	2117_02	From 1.5 mi. downstream of SH 97 to 23.5 mi. upstream of SH 97 crossing	0	0				ID	NA	NA		No
2006	Habitat	2117_03	33 mi. surrounding State Highway 85	0	0				ID	NA	NA		No
2006	Habitat	2117_04	40 miles surrounding US Highway 57	0	0				ID	NA	NA		No
Macrol	benthic Community												
2006	Macrobenthic Community	2117_01	Lower 25 miles of segment	0	0				ID	NA	NA		No
2006	Macrobenthic Community	2117_02	From 1.5 mi. downstream of SH 97 to 23.5 mi. upstream of SH 97 crossing	0	0				ID	NA	NA		No
2006	Macrobenthic Community	2117_03	33 mi. surrounding State Highway 85	0	0				ID	NA	NA		No
2006	Macrobenthic Community	2117_04	40 miles surrounding US Highway 57	0	0				ID	NA	NA		No
Fish Co	nsumption Use												
HH Bio	oaccumulative Toxics in water												
2006	Multiple	2117_01	Lower 25 miles of segment	16	16				AD	FS	FS		No
2006	Multiple	2117_02	From 1.5 mi. downstream of SH 97 to 23.5 mi. upstream of SH 97 crossing	16	16				AD	FS	FS		No
2006	Multiple	2117_03	33 mi. surrounding State Highway 85	16	16				AD	FS	FS		No
2006	Multiple	2117 04	40 miles surrounding US Highway 57	16	16				AD	FS	FS		No

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Water body type: Freshwate	r Stream					Wate	r body size:		158	М	iles	
YEAR	<u>AU ID</u>	Assessment Area (AU)	<u># of</u> Samples	<u>#</u> Assessed	<u># of</u> <u>Exc</u>	<u>Mean of</u> <u>Assessed</u>	<u>Criteria</u>	<u>Dataset</u> Qualifier	<u>2008</u> <u>Supp</u>	<u>Integ</u> Supp	<u>Imp</u> Category	<u>Carry</u> Forwar
General Use	_											
Dissolved Solids												
2008 Chloride	2117_01	Lower 25 miles of segment	98	98		274.42	620.00	AD	FS	FS		No
2008 Chloride	2117_02	From 1.5 mi. downstream of SH 97 to 23.5 mi. upstream of SH 97 crossing	98	98		274.42	620.00	AD	FS	FS		No
2008 Chloride	2117_03	33 mi. surrounding State Highway 85	98	98		274.42	620.00	AD	FS	FS		No
2008 Chloride	2117_04	40 miles surrounding US Highway 57	98	98		274.42	620.00	AD	FS	FS		No
2008 Chloride	2117_05	Upper 35 miles of segment	98	98		274.42	620.00	AD	FS	FS		No
2008 Sulfate	2117_01	Lower 25 miles of segment	98	98		198.09	380.00	AD	FS	FS		No
2008 Sulfate	2117_02	From 1.5 mi. downstream of SH 97 to 23.5 mi. upstream of SH 97 crossing	98	98		198.09	380.00	AD	FS	FS		No
2008 Sulfate	2117_03	33 mi. surrounding State Highway 85	98	98		198.09	380.00	AD	FS	FS		No
2008 Sulfate	2117_04	40 miles surrounding US Highway 57	98	98		198.09	380.00	AD	FS	FS		No
2008 Sulfate	2117_05	Upper 35 miles of segment	98	98		198.09	380.00	AD	FS	FS		No
2008 Total Dissolved Solids	2117_01	Lower 25 miles of segment	118	118		1,053.66	1,700.00	AD	FS	FS		No
2008 Total Dissolved Solids	2117_02	From 1.5 mi. downstream of SH 97 to 23.5 mi. upstream of SH 97 crossing	118	118		1,053.66	1,700.00	AD	FS	FS		No
2008 Total Dissolved Solids	2117_03	33 mi. surrounding State Highway 85	118	118		1,053.66	1,700.00	AD	FS	FS		No
2008 Total Dissolved Solids	2117_04	40 miles surrounding US Highway 57	118	118		1,053.66	1,700.00	AD	FS	FS		No
2008 Total Dissolved Solids	2117_05	Upper 35 miles of segment	118	118		1,053.66	1,700.00	AD	FS	FS		No
High pH												
2008 pH	2117_01	Lower 25 miles of segment	45	45	0		9.00	AD	FS	FS		No
2008 рН	2117_02	From 1.5 mi. downstream of SH 97 to 23.5 mi. upstream of SH 97 crossing	11	11	0		9.00	AD	FS	FS		No
2008 рН	2117_03	33 mi. surrounding State Highway 85	20	20	0		9.00	AD	FS	FS		No
2008 рН	2117_04	40 miles surrounding US Highway 57	16	16	0		9.00	AD	FS	FS		No

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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- Superceded 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.

Water body type:	Freshwater Stream					Wate	er body size:		158	М	iles	
YEAR	<u>AU ID</u>	Assessment Area (AU)	<u># of</u> Samples	<u>#</u> Assessed	<u># of</u> <u>Exc</u>	Mean of Assessed	<u>Criteria</u>	<u>Dataset</u> Qualifier	<u>2008</u> <u>Supp</u>	<u>Integ</u> Supp	<u>Imp</u> Category	<u>Carry</u> <u>Forward</u>
General Use												
Low pH												
2008 рН	2117_01	Lower 25 miles of segment	45	45	0		6.50	AD	FS	FS		No
2008 рН	2117_02	From 1.5 mi. downstream of SH 97 to 23.5 mi. upstream of SH 97 crossing	11	11	0		6.50	AD	FS	FS		No
2008 рН	2117_03	33 mi. surrounding State Highway 85	20	20	1		6.50	AD	FS	FS		No
2008 рН	2117_04	40 miles surrounding US Highway 57	16	16	0		6.50	AD	FS	FS		No

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- Superceded 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.

Wate	r body type: Freshwate	er Stream					Wate	r body size:		158	М	iles	
<u>YEAR</u>		<u>AU ID</u>	Assessment Area (AU)	<u># of</u> Samples	<u>#</u> Assessed	<u># of</u> <u>Exc</u>	<u>Mean of</u> Assessed	<u>Criteria</u>	<u>Dataset</u> Qualifier	<u>2008</u> <u>Supp</u>	<u>Integ</u> Supp	<u>Imp</u> Category	<u>Carry</u> Forward
Genera	l Use	_											
Nutrie	nt Screening Levels												
2008	Ammonia	2117_01	Lower 25 miles of segment	42	42	1		0.33	AD	NC	NC		No
2008	Ammonia	2117_02	From 1.5 mi. downstream of SH 97 to 23.5 mi. upstream of SH 97 crossing	11	11	0		0.33	AD	NC	NC		No
2008	Ammonia	2117_03	33 mi. surrounding State Highway 85	25	25	0		0.33	AD	NC	NC		No
2008	Ammonia	2117_04	40 miles surrounding US Highway 57	17	17	0		0.33	AD	NC	NC		No
2008	Chlorophyll-a	2117_01	Lower 25 miles of segment	24	24	4		14.10	AD	NC	NC		No
2008	Chlorophyll-a	2117_02	From 1.5 mi. downstream of SH 97 to 23.5 mi. upstream of SH 97 crossing	11	11	1		14.10	AD	NC	NC		No
2008	Chlorophyll-a	2117_03	33 mi. surrounding State Highway 85	25	25	3		14.10	AD	NC	NC		No
2008	Chlorophyll-a	2117_04	40 miles surrounding US Highway 57	17	17	0		14.10	AD	NC	NC		No
2008	Nitrate	2117_01	Lower 25 miles of segment	45	45	26		1.95	AD	CS	CS		No
2008	Nitrate	2117_02	From 1.5 mi. downstream of SH 97 to 23.5 mi. upstream of SH 97 crossing	11	11	8		1.95	AD	CS	CS		No
2008	Nitrate	2117_03	33 mi. surrounding State Highway 85	24	24	21		1.95	AD	CS	CS		No
2008	Nitrate	2117_04	40 miles surrounding US Highway 57	17	17	17		1.95	AD	CS	CS		No
2008	Orthophosphorus	2117_01	Lower 25 miles of segment	29	29	1		0.37	AD	NC	NC		No
2006	Orthophosphorus	2117_02	From 1.5 mi. downstream of SH 97 to 23.5 mi. upstream of SH 97 crossing	0	0			0.37	ID	NA	NA		No
2008	Orthophosphorus	2117_03	33 mi. surrounding State Highway 85	24	24	0		0.37	AD	NC	NC		No
2008	Orthophosphorus	2117_04	40 miles surrounding US Highway 57	16	16	0		0.37	AD	NC	NC		No
2008	Total Phosphorus	2117_01	Lower 25 miles of segment	29	29	1		0.69	AD	NC	NC		No
2008	Total Phosphorus	2117_02	From 1.5 mi. downstream of SH 97 to 23.5 mi. upstream of SH 97 crossing	11	11	1		0.69	AD	NC	NC		No
2008	Total Phosphorus	2117_03	33 mi. surrounding State Highway 85	24	24	0		0.69	AD	NC	NC		No
2008	Total Phosphorus	2117_04	40 miles surrounding US Highway 57	17	17	0		0.69	AD	NC	NC		No

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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- Superceded 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.

Water body type:	Wate	r body size:		158	М	iles						
YEAR	<u>AU ID</u>	Assessment Area (AU)	<u># of</u> <u>Samples</u>	<u>#</u> Assessed	<u># of</u> <u>Exc</u>	<u>Mean of</u> <u>Assessed</u>	<u>Criteria</u>	<u>Dataset</u> Qualifier	<u>2008</u> <u>Supp</u>	<u>Integ</u> Supp	<u>Imp</u> <u>Category</u>	<u>Carry</u> <u>Forward</u>
General Use												
Water Temperature												
2008 Temperature	2117_01	Lower 25 miles of segment	54	54	0		32.20	AD	FS	FS		No
2008 Temperature	2117_02	From 1.5 mi. downstream of SH 97 to 23.5 mi. upstream of SH 97 crossing	11	11	0		32.20	AD	FS	FS		No
2008 Temperature	2117_03	33 mi. surrounding State Highway 85	28	28	0		32.20	AD	FS	FS		No
2008 Temperature	2117_04	40 miles surrounding US Highway 57	16	16	0		32.20	AD	FS	FS		No

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- Superceded 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.

Water	r body type: Freshw	vater Stream					Water	body size:		158	М	iles	
<u>YEAR</u>		<u>AU ID</u>	Assessment Area (AU)	<u># of</u> Samples	<u>#</u> Assessed	<u># of</u> <u>Exc</u>	<u>Mean of</u> <u>Assessed</u>	<u>Criteria</u>	<u>Dataset</u> <u>Qualifier</u>	<u>2008</u> <u>Supp</u>	<u>Integ</u> Supp	<u>Imp</u> Category	<u>Carry</u> Forward
Public V	Vater Supply Use												
Finishe	d Drinking Water Disso	olved Solids average											
2008	Multiple	2117_01	Lower 25 miles of segment						OE	NC	NC		No
2008	Multiple	2117_02	From 1.5 mi. downstream of SH 97 to 23.5 mi. upstream of SH 97 crossing						OE	NC	NC		No
2008	Multiple	2117_03	33 mi. surrounding State Highway 85						OE	NC	NC		No
2008	Multiple	2117_04	40 miles surrounding US Highway 57						OE	NC	NC		No
2008	Multiple	2117_05	Upper 35 miles of segment						OE	NC	NC		No
Finishe	d Drinking Water MCI	Ls and Toxic Substan	ces running average										
2008	Multiple	2117_01	Lower 25 miles of segment						OE	FS	FS		No
2008	Multiple	2117_02	From 1.5 mi. downstream of SH 97 to 23.5 mi. upstream of SH 97 crossing						OE	FS	FS		No
2008	Multiple	2117_03	33 mi. surrounding State Highway 85						OE	FS	FS		No
2008	Multiple	2117_04	40 miles surrounding US Highway 57						OE	FS	FS		No
2008	Multiple	2117_05	Upper 35 miles of segment						OE	FS	FS		No
Finishee	d Drinking Water MCI	Ls Concern											
2008	Multiple	2117_01	Lower 25 miles of segment						OE	NC	NC		No
2008	Multiple	2117_02	From 1.5 mi. downstream of SH 97 to 23.5 mi. upstream of SH 97 crossing						OE	NC	NC		No
2008	Multiple	2117_03	33 mi. surrounding State Highway 85						OE	NC	NC		No
2008	Multiple	2117_04	40 miles surrounding US Highway 57						OE	NC	NC		No
2008	Multiple	2117_05	Upper 35 miles of segment						OE	NC	NC		No

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- Superceded 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.

Water body type: Freshwater Stream						Water body size:			158	Miles		
YEAR	<u>AU ID</u>	Assessment Area (AU)	<u># of</u> Samples	<u>#</u> Assessed	<u># of</u> <u>Exc</u>	<u>Mean of</u> Assessed	Criteria	<u>Dataset</u> <u>Qualifier</u>	<u>2008</u> <u>Supp</u>	<u>Integ</u> Supp	<u>Imp</u> <u>Category</u>	<u>Carry</u> Forward
Public Water Sur	pply Use											
Surface Water H	H criteria for PWS average											
2006 Fluoride	2117_01	Lower 25 miles of segment	22	22			4,000.00	AD	FS	FS		No
2006 Fluoride	2117_02	From 1.5 mi. downstream of SH 97 to 23.5 mi. upstream of SH 97 crossing	22	22			4,000.00	AD	FS	FS		No
2006 Fluoride	2117_03	33 mi. surrounding State Highway 85	22	22			4,000.00	AD	FS	FS		No
2006 Fluoride	2117_04	40 miles surrounding US Highway 57	22	22			4,000.00	AD	FS	FS		No
2006 Multiple	2117_01	Lower 25 miles of segment	16	16				AD	FS	FS		No
2006 Multiple	2117_02	From 1.5 mi. downstream of SH 97 to 23.5 mi. upstream of SH 97 crossing	16	16				AD	FS	FS		No
2006 Nitrate	2117_01	Lower 25 miles of segment	68	68		4.70	10.00	AD	FS	FS		No
2006 Nitrate	2117_02	From 1.5 mi. downstream of SH 97 to 23.5 mi. upstream of SH 97 crossing	68	68		4.70	10.00	AD	FS	FS		No
2006 Nitrate	2117_03	33 mi. surrounding State Highway 85	68	68		4.70	10.00	AD	FS	FS		No
2006 Nitrate	2117_04	40 miles surrounding US Highway 57	68	68		4.70	10.00	AD	FS	FS		No

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- Superceded 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.

#### 2117 Frio River Above Choke Canyon Reservoir

Segment ID:

Water body type: Freshwater Stream						Wate	Water body size:		158	58 Miles		
YEAR	<u>AU ID</u>	Assessment Area (AU)	<u># of</u> <u>Samples</u>	<u>#</u> Assessed	<u># of</u> <u>Exc</u>	<u>Mean of</u> <u>Assessed</u>	<u>Criteria</u>	<u>Dataset</u> <u>Qualifier</u>	<u>2008</u> <u>Supp</u>	<u>Integ</u> Supp	<u>Imp</u> Category	<u>Carry</u> Forward
Recreation Use	_											
Bacteria Geomean												
2008 E. coli	2117_01	Lower 25 miles of segment	26	26	0	120.59	126.00	AD	FS	FS		No
2008 E. coli	2117_02	From 1.5 mi. downstream of SH 97 to 23.5 mi. upstream of SH 97 crossing	11	11	1	185.43	126.00	AD	NS	NS	5c	No
2008 E. coli	2117_03	33 mi. surrounding State Highway 85	17	17	0	69.42	126.00	AD	FS	FS		No
2008 E. coli	2117_04	40 miles surrounding US Highway 57	14	14	0	5.39	126.00	AD	FS	FS		No
2008 Fecal coliform	2117_01	Lower 25 miles of segment	13	13	0	190.82	200.00	SM	FS	FS		No
2006 Fecal coliform	2117_02	From 1.5 mi. downstream of SH 97 to 23.5 mi. upstream of SH 97 crossing	0	0			200.00	ID	NA	NA		No
2008 Fecal coliform	2117_03	33 mi. surrounding State Highway 85	7	7	0	94.55	200.00	SM	NC	NC		No
2008 Fecal coliform	2117_04	40 miles surrounding US Highway 57	3	3	0	11.55	200.00	SM	NA	NA		No
<b>Bacteria Single Sample</b> 2008 E. coli	2117 01	Lower 25 miles of segment	26	26	7		394.00	AD	FS	FS		No
2008 E. coli 2008 E. coli	2117_01	From 1.5 mi. downstream of SH 97 to 23.5 mi. upstream of SH 97 crossing	11	11	3		394.00	AD	FS	FS		No
2008 E. coli	2117_03	33 mi. surrounding State Highway 85	17	17	0		394.00	AD	FS	FS		No
2008 E. coli	2117_04	40 miles surrounding US Highway 57	14	14	0		394.00	AD	FS	FS		No
2008 Fecal coliform	2117_01	Lower 25 miles of segment	13	13	4		400.00	SM	FS	FS		No
2006 Fecal coliform	2117_02	From 1.5 mi. downstream of SH 97 to 23.5 mi. upstream of SH 97 crossing	0	0			400.00	ID	NA	NA		No
2008 Fecal coliform	2117_03	33 mi. surrounding State Highway 85	7	7	2		400.00	SM	NC	NC		No
2008 Fecal coliform	2117_04	40 miles surrounding US Highway 57	3	3	0		400.00	SM	NA	NA		No