

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

**2008 Supp (level of support) and Integ Supp (integrated 303(d) level of support) identifiers:** FS- Fully Supporting; CN- Concern for Near non-attainment; CS- Concern for Screening level; NS- Non-Supporting;  
 NA- Not assessed; NC- No concern; **Dataset Qualifiers:** AD- Adequate Data; ID- Inadequate Data; LD- Limited Data; TR- Not Temporally Representative; SR- Not Spatially Representative; SM- Superseded by another method;  
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**Segment ID:** 1401 **Colorado River Tidal**

**Water body type:** Tidal Stream

**Water body size:** 27 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Aquatic Life Use</b>												
<b>Acute Toxic Substances in water</b>												
2006 Multiple	1401_01	Entire segment	0	0	0			ID	NA	NA		No
<b>Chronic Toxic Substances in water</b>												
2006 Multiple	1401_01	Entire segment	0	0	0			ID	NA	NA		No
<b>Dissolved Oxygen grab minimum</b>												
2008 Dissolved Oxygen Grab	1401_01	Entire segment	50	40	0		3.00	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2008 Dissolved Oxygen Grab	1401_01	Entire segment	50	40	0		4.00	AD	NC	NC		No
<b>Toxic Substances in sediment</b>												
2008 Metals	1401_01	Entire segment	3	3	0			ID	NA	NA		No
2008 Organics	1401_01	Entire segment	2	2				ID	NA	NA		No
<b>General Use</b>												
<b>High pH</b>												
2008 pH	1401_01	Entire segment	50	40	0		9.00	AD	FS	FS		No
<b>Low pH</b>												
2008 pH	1401_01	Entire segment	50	50	0		6.50	AD	FS	FS		No
<b>Nutrient Screening Levels</b>												
2008 Ammonia	1401_01	Entire segment	40	40	0		0.46	AD	NC	NC		No
2008 Chlorophyll-a	1401_01	Entire segment	40	40	7		21.00	AD	NC	NC		No
2008 Nitrate	1401_01	Entire segment	41	41	17		1.10	AD	CS	CS		No
2008 Orthophosphorus	1401_01	Entire segment	41	41	0		0.46	AD	NC	NC		No
2008 Total Phosphorus	1401_01	Entire segment	41	41	3		0.66	AD	NC	NC		No
<b>Water Temperature</b>												
2008 Temperature	1401_01	Entire segment	50	40	0		35.00	AD	FS	FS		No

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**Segment ID:** 1401 **Colorado River Tidal**

**Water body type:** Tidal Stream

**Water body size:** 27 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2008	E. coli	1401_01	Entire segment	10	10	0	66.52	126.00	SM	FS	FS	No
2008	Enterococcus	1401_01	Entire segment	30	30	1	70.55	35.00	AD	NS	NS	5a No
2008	Fecal coliform	1401_01	Entire segment	9	9	0	90.98	200.00	SM	NC	NC	No
<b>Bacteria Single Sample</b>												
2008	E. coli	1401_01	Entire segment	10	10	1		394.00	SM	FS	FS	No
2008	Enterococcus	1401_01	Entire segment	30	30	12		89.00	AD	NS	NS	5a No
2008	Fecal coliform	1401_01	Entire segment	9	9	2		400.00	SM	NC	NC	No

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**Segment ID:** 1402 **Colorado River Below La Grange**

**Water body type:** Freshwater Stream

**Water body size:** 150 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Aquatic Life Use</b>												
<b>Dissolved Oxygen grab minimum</b>												
2008	Dissolved Oxygen Grab	1402_01	Lower end to Wharton County line	41	37	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	1402_02	Wharton County line to US 59	45	40	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	1402_04	Colorado County line to US 90A	48	44	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	1402_06	Cummins Creek to 5 mi above Fayette County line	44	40	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	1402_07	Upper 17 miles of segment	42	36	0	3.00	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2008	Dissolved Oxygen Grab	1402_01	Lower end to Wharton County line	41	41	0	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	1402_02	Wharton County line to US 59	45	40	0	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	1402_04	Colorado County line to US 90A	48	44	0	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	1402_06	Cummins Creek to 5 mi above Fayette County line	44	40	0	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	1402_07	Upper 17 miles of segment	42	36	0	5.00	AD	NC	NC		No
<b>Toxic Substances in sediment</b>												
2008	Metals	1402_01	Lower end to Wharton County line	3	3	0		ID	NA	NA		No
2008	Organics	1402_01	Lower end to Wharton County line	2	2			ID	NA	NA		No

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**Segment ID:** 1402 **Colorado River Below La Grange**

**Water body type:** Freshwater Stream

**Water body size:** 150 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>General Use</b>												
<b>Dissolved Solids</b>												
2008	Chloride	1402_01	Lower end to Wharton County line	213	213	42.04	100.00	AD	FS	FS		No
2008	Chloride	1402_02	Wharton County line to US 59	213	213	42.04	100.00	AD	FS	FS		No
2008	Chloride	1402_03	US 59 to Colorado County line	213	213	42.04	100.00	AD	FS	FS		No
2008	Chloride	1402_04	Colorado County line to US 90A	213	213	42.04	100.00	AD	FS	FS		No
2008	Chloride	1402_05	US 90A to Cummins Creek	213	213	42.04	100.00	AD	FS	FS		No
2008	Chloride	1402_06	Cummins Creek to 5 mi above Fayette County line	213	213	42.04	100.00	AD	FS	FS		No
2008	Chloride	1402_07	Upper 17 miles of segment	213	213	42.04	100.00	AD	FS	FS		No
2008	Sulfate	1402_01	Lower end to Wharton County line	213	213	35.98	100.00	AD	FS	FS		No
2008	Sulfate	1402_02	Wharton County line to US 59	213	213	35.98	100.00	AD	FS	FS		No
2008	Sulfate	1402_03	US 59 to Colorado County line	213	213	35.98	100.00	AD	FS	FS		No
2008	Sulfate	1402_04	Colorado County line to US 90A	213	213	35.98	100.00	AD	FS	FS		No
2008	Sulfate	1402_05	US 90A to Cummins Creek	213	213	35.98	100.00	AD	FS	FS		No
2008	Sulfate	1402_06	Cummins Creek to 5 mi above Fayette County line	213	213	35.98	100.00	AD	FS	FS		No
2008	Sulfate	1402_07	Upper 17 miles of segment	213	213	35.98	100.00	AD	FS	FS		No
2008	Total Dissolved Solids	1402_01	Lower end to Wharton County line	206	206	320.27	500.00	AD	FS	FS		No
2008	Total Dissolved Solids	1402_02	Wharton County line to US 59	206	206	320.27	500.00	AD	FS	FS		No
2008	Total Dissolved Solids	1402_03	US 59 to Colorado County line	206	206	320.27	500.00	AD	FS	FS		No
2008	Total Dissolved Solids	1402_04	Colorado County line to US 90A	206	206	320.27	500.00	AD	FS	FS		No
2008	Total Dissolved Solids	1402_05	US 90A to Cummins Creek	206	206	320.27	500.00	AD	FS	FS		No
2008	Total Dissolved Solids	1402_06	Cummins Creek to 5 mi above Fayette County line	206	206	320.27	500.00	AD	FS	FS		No
2008	Total Dissolved Solids	1402_07	Upper 17 miles of segment	206	206	320.27	500.00	AD	FS	FS		No

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### General Use

#### High pH

2008	pH	1402_01	Lower end to Wharton County line	41	37	0	9.00	AD	FS	FS		No
2008	pH	1402_02	Wharton County line to US 59	45	40	0	9.00	AD	FS	FS		No
2008	pH	1402_04	Colorado County line to US 90A	48	44	0	9.00	AD	FS	FS		No
2008	pH	1402_06	Cummins Creek to 5 mi above Fayette County line	44	40	0	9.00	AD	FS	FS		No
2008	pH	1402_07	Upper 17 miles of segment	42	36	0	9.00	AD	FS	FS		No

#### Low pH

2008	pH	1402_01	Lower end to Wharton County line	41	37	0	6.50	AD	FS	FS		No
2008	pH	1402_02	Wharton County line to US 59	45	45	0	6.50	AD	FS	FS		No
2008	pH	1402_04	Colorado County line to US 90A	48	44	0	6.50	AD	FS	FS		No
2008	pH	1402_06	Cummins Creek to 5 mi above Fayette County line	44	40	0	6.50	AD	FS	FS		No
2008	pH	1402_07	Upper 17 miles of segment	42	36	0	6.50	AD	FS	FS		No

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<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2008	Ammonia	1402_01	Lower end to Wharton County line	41	41	0	0.33	AD	NC	NC		No
2008	Ammonia	1402_02	Wharton County line to US 59	39	39	0	0.33	AD	NC	NC		No
2008	Ammonia	1402_04	Colorado County line to US 90A	45	45	0	0.33	AD	NC	NC		No
2008	Ammonia	1402_06	Cummins Creek to 5 mi above Fayette County line	39	39	0	0.33	AD	NC	NC		No
2008	Ammonia	1402_07	Upper 17 miles of segment	41	41	0	0.33	AD	NC	NC		No
2008	Chlorophyll-a	1402_01	Lower end to Wharton County line	40	40	20	14.10	AD	CS	CS		No
2008	Chlorophyll-a	1402_02	Wharton County line to US 59	40	40	12	14.10	AD	CS	CS		No
2008	Chlorophyll-a	1402_04	Colorado County line to US 90A	47	47	10	14.10	AD	NC	NC		No
2008	Chlorophyll-a	1402_06	Cummins Creek to 5 mi above Fayette County line	41	41	3	14.10	AD	NC	NC		No
2008	Chlorophyll-a	1402_07	Upper 17 miles of segment	40	40	2	14.10	AD	NC	NC		No
2008	Nitrate	1402_01	Lower end to Wharton County line	42	42	7	1.95	AD	NC	NC		No
2008	Nitrate	1402_02	Wharton County line to US 59	42	42	9	1.95	AD	NC	NC		No
2008	Nitrate	1402_04	Colorado County line to US 90A	48	48	10	1.95	AD	NC	NC		No
2008	Nitrate	1402_06	Cummins Creek to 5 mi above Fayette County line	42	42	12	1.95	AD	CS	CS		No
2008	Nitrate	1402_07	Upper 17 miles of segment	41	41	14	1.95	AD	CS	CS		No
2008	Orthophosphorus	1402_01	Lower end to Wharton County line	42	42	5	0.37	AD	NC	NC		No
2008	Orthophosphorus	1402_02	Wharton County line to US 59	42	42	5	0.37	AD	NC	NC		No
2008	Orthophosphorus	1402_04	Colorado County line to US 90A	47	47	8	0.37	AD	NC	NC		No
2008	Orthophosphorus	1402_06	Cummins Creek to 5 mi above Fayette County line	42	42	9	0.37	AD	NC	NC		No
2008	Orthophosphorus	1402_07	Upper 17 miles of segment	41	41	13	0.37	AD	CS	CS		No
2008	Total Phosphorus	1402_01	Lower end to Wharton County line	42	42	1	0.69	AD	NC	NC		No
2008	Total Phosphorus	1402_02	Wharton County line to US 59	42	42	1	0.69	AD	NC	NC		No

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**Water body size:** 150 Miles

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#### General Use

#### **Nutrient Screening Levels**

2008	Total Phosphorus	1402_04	Colorado County line to US 90A	48	48	5	0.69	AD	NC	NC		No
2008	Total Phosphorus	1402_06	Cummins Creek to 5 mi above Fayette County line	42	42	3	0.69	AD	NC	NC		No
2008	Total Phosphorus	1402_07	Upper 17 miles of segment	41	41	5	0.69	AD	NC	NC		No

#### **Water Temperature**

2008	Temperature	1402_01	Lower end to Wharton County line	43	39	0	35.00	AD	FS	FS		No
2008	Temperature	1402_02	Wharton County line to US 59	50	45	0	35.00	AD	FS	FS		No
2008	Temperature	1402_04	Colorado County line to US 90A	48	44	0	35.00	AD	FS	FS		No
2008	Temperature	1402_05	US 90A to Cummins Creek	1	1	0	35.00	ID	NA	NA		No
2008	Temperature	1402_06	Cummins Creek to 5 mi above Fayette County line	44	40	0	35.00	AD	FS	FS		No
2008	Temperature	1402_07	Upper 17 miles of segment	42	36	0	35.00	AD	FS	FS		No

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### Public Water Supply Use

#### Finished Drinking Water Dissolved Solids average

2008	Multiple	1402_01	Lower end to Wharton County line					OE	NC	NC		No
2008	Multiple	1402_02	Wharton County line to US 59					OE	NC	NC		No
2008	Multiple	1402_03	US 59 to Colorado County line					OE	NC	NC		No
2008	Multiple	1402_04	Colorado County line to US 90A					OE	NC	NC		No
2008	Multiple	1402_05	US 90A to Cummins Creek					OE	NC	NC		No
2008	Multiple	1402_06	Cummins Creek to 5 mi above Fayette County line					OE	NC	NC		No
2008	Multiple	1402_07	Upper 17 miles of segment					OE	NC	NC		No

#### Finished Drinking Water MCLs and Toxic Substances running average

2008	Multiple	1402_01	Lower end to Wharton County line					OE	FS	FS		No
2008	Multiple	1402_02	Wharton County line to US 59					OE	FS	FS		No
2008	Multiple	1402_03	US 59 to Colorado County line					OE	FS	FS		No
2008	Multiple	1402_04	Colorado County line to US 90A					OE	FS	FS		No
2008	Multiple	1402_05	US 90A to Cummins Creek					OE	FS	FS		No
2008	Multiple	1402_06	Cummins Creek to 5 mi above Fayette County line					OE	FS	FS		No
2008	Multiple	1402_07	Upper 17 miles of segment					OE	FS	FS		No

#### Finished Drinking Water MCLs Concern

2008	Multiple	1402_01	Lower end to Wharton County line					OE	NC	NC		No
2008	Multiple	1402_02	Wharton County line to US 59					OE	NC	NC		No
2008	Multiple	1402_03	US 59 to Colorado County line					OE	NC	NC		No
2008	Multiple	1402_04	Colorado County line to US 90A					OE	NC	NC		No
2008	Multiple	1402_05	US 90A to Cummins Creek					OE	NC	NC		No
2008	Multiple	1402_06	Cummins Creek to 5 mi above Fayette County line					OE	NC	NC		No
2008	Multiple	1402_07	Upper 17 miles of segment					OE	NC	NC		No



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<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2008	E. coli	1402_01	Lower end to Wharton County line	40	40	0	32.22	126.00	AD	FS	FS	No
2008	E. coli	1402_02	Wharton County line to US 59	42	42	0	57.77	126.00	AD	FS	FS	No
2008	E. coli	1402_04	Colorado County line to US 90A	48	48	0	59.22	126.00	AD	FS	FS	No
2008	E. coli	1402_06	Cummins Creek to 5 mi above Fayette County line	42	42	0	63.20	126.00	AD	FS	FS	No
2008	E. coli	1402_07	Upper 17 miles of segment	41	41	0	32.34	126.00	AD	FS	FS	No
2008	Fecal coliform	1402_01	Lower end to Wharton County line	11	11	0	49.40	200.00	SM	FS	FS	No
2008	Fecal coliform	1402_02	Wharton County line to US 59	11	11	0	96.96	200.00	SM	FS	FS	No
2008	Fecal coliform	1402_04	Colorado County line to US 90A	11	11	0	58.54	200.00	SM	FS	FS	No
2008	Fecal coliform	1402_06	Cummins Creek to 5 mi above Fayette County line	11	11	0	76.62	200.00	SM	FS	FS	No
2008	Fecal coliform	1402_07	Upper 17 miles of segment	11	11	0	38.92	200.00	SM	FS	FS	No
<b>Bacteria Single Sample</b>												
2008	E. coli	1402_01	Lower end to Wharton County line	40	40	4		394.00	AD	FS	FS	No
2008	E. coli	1402_02	Wharton County line to US 59	42	42	4		394.00	AD	FS	FS	No
2008	E. coli	1402_04	Colorado County line to US 90A	48	48	4		394.00	AD	FS	FS	No
2008	E. coli	1402_06	Cummins Creek to 5 mi above Fayette County line	42	42	5		394.00	AD	FS	FS	No
2008	E. coli	1402_07	Upper 17 miles of segment	41	41	2		394.00	AD	FS	FS	No
2008	Fecal coliform	1402_01	Lower end to Wharton County line	11	11	0		400.00	SM	FS	FS	No
2008	Fecal coliform	1402_02	Wharton County line to US 59	11	11	1		400.00	AD	FS	FS	No
2008	Fecal coliform	1402_04	Colorado County line to US 90A	11	11	0		400.00	SM	FS	FS	No
2008	Fecal coliform	1402_06	Cummins Creek to 5 mi above Fayette County line	11	11	1		400.00	SM	FS	FS	No
2008	Fecal coliform	1402_07	Upper 17 miles of segment	11	11	0		400.00	SM	FS	FS	No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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**Segment ID:** 1402A **Cummins Creek (unclassified water body)**

**Water body type:** Freshwater Stream

**Water body size:** 55 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Aquatic Life Use</b>												
<b>Dissolved Oxygen 24hr average</b>												
2006	Dissolved Oxygen 24hr Avg	1402A_01	From the confluence with the Colorado River upstream to the confluence of Boggy Creek at FM 1291 in Colorado County	6	6	0	6.00	TR	NA	NA		No
<b>Dissolved Oxygen 24hr minimum</b>												
2006	Dissolved Oxygen 24hr Min	1402A_01	From the confluence with the Colorado River upstream to the confluence of Boggy Creek at FM 1291 in Colorado County	6	6	0	4.00	TR	NA	NA		No
<b>Dissolved Oxygen grab minimum</b>												
2006	Dissolved Oxygen Grab	1402A_01	From the confluence with the Colorado River upstream to the confluence of Boggy Creek at FM 1291 in Colorado County	49	46	0	4.00	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	1402A_01	From the confluence with the Colorado River upstream to the confluence of Boggy Creek at FM 1291 in Colorado County	49	46	1	6.00	AD	NC	NC		No
<b>Fish Community</b>												
2006	Fish Community	1402A_01	From the confluence with the Colorado River upstream to the confluence of Boggy Creek at FM 1291 in Colorado County	3	3		46.60	AD	NS	NS	4c	No
<b>Habitat</b>												
2006	Habitat	1402A_01	From the confluence with the Colorado River upstream to the confluence of Boggy Creek at FM 1291 in Colorado County	2	2		22.50	AD	CS	CS		No
<b>Macroinvertebrate Community</b>												
2006	Macroinvertebrate Community	1402A_01	From the confluence with the Colorado River upstream to the confluence of Boggy Creek at FM 1291 in Colorado County	3	3		31.00	AD	NS	NS	4c	No

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**Segment ID:** 1402A **Cummins Creek (unclassified water body)**

**Water body type:** Freshwater Stream

**Water body size:** 55 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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### Aquatic Life Use

#### **Toxic Substances in sediment**

2006	Metals	1402A_01	From the confluence with the Colorado River upstream to the confluence of Boggy Creek at FM 1291 in Colorado County	1	1	0		ID	NA	NA		No
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### General Use

#### **Nutrient Screening Levels**

2006	Ammonia	1402A_01	From the confluence with the Colorado River upstream to the confluence of Boggy Creek at FM 1291 in Colorado County	38	38	0	0.33	AD	NC	NC		No
2006	Chlorophyll-a	1402A_01	From the confluence with the Colorado River upstream to the confluence of Boggy Creek at FM 1291 in Colorado County	40	40	0	14.10	AD	NC	NC		No
2006	Nitrate	1402A_01	From the confluence with the Colorado River upstream to the confluence of Boggy Creek at FM 1291 in Colorado County	39	39	0	1.95	AD	NC	NC		No
2006	Orthophosphorus	1402A_01	From the confluence with the Colorado River upstream to the confluence of Boggy Creek at FM 1291 in Colorado County	36	36	0	0.37	AD	NC	NC		No
2006	Total Phosphorus	1402A_01	From the confluence with the Colorado River upstream to the confluence of Boggy Creek at FM 1291 in Colorado County	36	36	0	0.69	AD	NC	NC		No

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**Segment ID:** 1402A **Cummins Creek (unclassified water body)**

**Water body type:** Freshwater Stream

**Water body size:** 55 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2006	E. coli	1402A_01	From the confluence with the Colorado River upstream to the confluence of Boggy Creek at FM 1291 in Colorado County	40	40		42.00	126.00	AD	FS	FS	No
2006	Fecal coliform	1402A_01	From the confluence with the Colorado River upstream to the confluence of Boggy Creek at FM 1291 in Colorado County	14	14		26.00	200.00	SM	FS	FS	No
<b>Bacteria Single Sample</b>												
2006	E. coli	1402A_01	From the confluence with the Colorado River upstream to the confluence of Boggy Creek at FM 1291 in Colorado County	40	40	5		394.00	AD	FS	FS	No
2006	Fecal coliform	1402A_01	From the confluence with the Colorado River upstream to the confluence of Boggy Creek at FM 1291 in Colorado County	14	14	0		400.00	SM	FS	FS	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: 1402C Buckners Creek (unclassified water body)

**Water body type:** Freshwater Stream

**Water body size:** 17 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Aquatic Life Use</b>												
<b>Dissolved Oxygen 24hr average</b>												
2006	Dissolved Oxygen 24hr Avg	1402C_01 Entire water body	2	2	1		5.00	ID	NA	NA		No
<b>Dissolved Oxygen 24hr minimum</b>												
2006	Dissolved Oxygen 24hr Min	1402C_01 Entire water body	2	2	0		3.00	ID	NA	NA		No
<b>Dissolved Oxygen grab minimum</b>												
2006	Dissolved Oxygen Grab	1402C_01 Entire water body	20	20	2		3.00	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	1402C_01 Entire water body	20	20	7		5.00	AD	CS	CS		No
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2006	Ammonia	1402C_01 Entire water body	23	23	1		0.33	AD	NC	NC		No
2006	Chlorophyll-a	1402C_01 Entire water body	23	23	14		14.10	AD	CS	CS		No
2006	Nitrate	1402C_01 Entire water body	23	23	0		1.95	AD	NC	NC		No
2006	Orthophosphorus	1402C_01 Entire water body	22	22	0		0.37	AD	NC	NC		No
2006	Total Phosphorus	1402C_01 Entire water body	22	22	0		0.69	AD	NC	NC		No
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2006	E. coli	1402C_01 Entire water body	16	16		41.00	126.00	AD	FS	FS		No
2006	Fecal coliform	1402C_01 Entire water body	12	12		43.00	200.00	SM	FS	FS		No
<b>Bacteria Single Sample</b>												
2006	E. coli	1402C_01 Entire water body	16	16	4		394.00	AD	FS	FS		No
2006	Fecal coliform	1402C_01 Entire water body	12	12	2		400.00	SM	FS	FS		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: 1402G Fayette Reservoir (unclassified water body)

**Water body type:** Reservoir

**Water body size:** 2,425 Acres

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Aquatic Life Use</b>												
<b>Dissolved Oxygen grab minimum</b>												
2006	Dissolved Oxygen Grab	1402G_01 Near discharge canal	30	30	0		3.00	AD	FS	FS		No
2006	Dissolved Oxygen Grab	1402G_02 Near intake canal	30	30	0		3.00	AD	FS	FS		No
2006	Dissolved Oxygen Grab	1402G_03 Mid-lake near dam	30	30	0		3.00	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	1402G_01 Near discharge canal	30	30	2		5.00	AD	NC	NC		No
2006	Dissolved Oxygen Grab	1402G_02 Near intake canal	30	30	0		5.00	AD	NC	NC		No
2006	Dissolved Oxygen Grab	1402G_03 Mid-lake near dam	30	30	1		5.00	AD	NC	NC		No
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2006	Ammonia	1402G_01 Near discharge canal	29	29	0		0.11	AD	NC	NC		No
2006	Ammonia	1402G_02 Near intake canal	28	28	0		0.11	AD	NC	NC		No
2006	Ammonia	1402G_03 Mid-lake near dam	28	28	1		0.11	AD	NC	NC		No
2006	Chlorophyll-a	1402G_01 Near discharge canal	30	30	4		26.70	AD	NC	NC		No
2006	Chlorophyll-a	1402G_02 Near intake canal	30	30	9		26.70	AD	CS	CS		No
2006	Chlorophyll-a	1402G_03 Mid-lake near dam	30	30	12		26.70	AD	CS	CS		No
2006	Nitrate	1402G_01 Near discharge canal	30	30	2		0.37	AD	NC	NC		No
2006	Nitrate	1402G_02 Near intake canal	29	29	0		0.37	AD	NC	NC		No
2006	Nitrate	1402G_03 Mid-lake near dam	29	29	0		0.37	AD	NC	NC		No
2006	Orthophosphorus	1402G_01 Near discharge canal	30	30	0		0.05	AD	NC	NC		No
2006	Orthophosphorus	1402G_02 Near intake canal	28	28	0		0.05	AD	NC	NC		No
2006	Orthophosphorus	1402G_03 Mid-lake near dam	28	28	0		0.05	AD	NC	NC		No
2006	Total Phosphorus	1402G_01 Near discharge canal	29	29	1		0.19	AD	NC	NC		No
2006	Total Phosphorus	1402G_02 Near intake canal	29	29	0		0.19	AD	NC	NC		No
2006	Total Phosphorus	1402G_03 Mid-lake near dam	29	29	0		0.19	AD	NC	NC		No

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**Segment ID:** 1402G      **Fayette Reservoir (unclassified water body)**

**Water body type:** Reservoir

**Water body size:** 2,425 Acres

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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### Recreation Use

#### **Bacteria Geomean**

2006	E. coli	1402G_01	Near discharge canal	30	30		3.00	126.00	AD	FS	FS	No
2006	E. coli	1402G_02	Near intake canal	30	30		1.00	126.00	AD	FS	FS	No
2006	E. coli	1402G_03	Mid-lake near dam	30	30		1.00	126.00	AD	FS	FS	No
2006	Fecal coliform	1402G_01	Near discharge canal	10	10		4.00	200.00	SM	FS	FS	No
2006	Fecal coliform	1402G_02	Near intake canal	10	10		1.00	200.00	SM	FS	FS	No
2006	Fecal coliform	1402G_03	Mid-lake near dam	10	10		2.00	200.00	SM	FS	FS	No

#### **Bacteria Single Sample**

2006	E. coli	1402G_01	Near discharge canal	30	30	0		394.00	AD	FS	FS	No
2006	E. coli	1402G_02	Near intake canal	30	30	0		394.00	AD	FS	FS	No
2006	E. coli	1402G_03	Mid-lake near dam	30	30	0		394.00	AD	FS	FS	No
2006	Fecal coliform	1402G_01	Near discharge canal	10	10	0		400.00	SM	FS	FS	No
2006	Fecal coliform	1402G_02	Near intake canal	10	10	0		400.00	SM	FS	FS	No
2006	Fecal coliform	1402G_03	Mid-lake near dam	10	10	0		400.00	SM	FS	FS	No

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**Segment ID:** 1402H **Skull Creek (unclassified water body)**

**Water body type:** Freshwater Stream

**Water body size:** 30 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Aquatic Life Use</b>												
<b>Dissolved Oxygen 24hr average</b>												
2008	Dissolved Oxygen 24hr Avg	1402H_01 Entire water body	5	5	4		5.00	LD	NS	NS	5b	No
<b>Dissolved Oxygen 24hr minimum</b>												
2008	Dissolved Oxygen 24hr Min	1402H_01 Entire water body	5	5	2		3.00	LD	CN	CN		No
<b>Dissolved Oxygen grab minimum</b>												
2008	Dissolved Oxygen Grab	1402H_01 Entire water body	25	25	0		3.00	SM	NA	NA		No
<b>Dissolved Oxygen grab screening level</b>												
2008	Dissolved Oxygen Grab	1402H_01 Entire water body	25	25	9		5.00	SM	NA	NA		No
<b>Fish Community</b>												
2008	Fish Community	1402H_01 Entire water body	4	4		48.30	42.00	AD	FS	FS		No
<b>Habitat</b>												
2008	Habitat	1402H_01 Entire water body	4	4		23.50	20.00	AD	NC	NC		No
<b>Macrobenthic Community</b>												
2008	Macrobenthic Community	1402H_01 Entire water body	4	4		31.00	29.00	AD	FS	FS		No
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2008	Ammonia	1402H_01 Entire water body	26	26	0		0.33	AD	NC	NC		No
2008	Chlorophyll-a	1402H_01 Entire water body	25	25	5		14.10	AD	NC	NC		No
2008	Nitrate	1402H_01 Entire water body	17	17	0		1.95	AD	NC	NC		No
2008	Orthophosphorus	1402H_01 Entire water body	26	26	0		0.37	AD	NC	NC		No
2008	Total Phosphorus	1402H_01 Entire water body	26	26	0		0.69	AD	NC	NC		No
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2008	E. coli	1402H_01 Entire water body	22	22	0	99.34	126.00	AD	FS	FS		No
2008	Fecal coliform	1402H_01 Entire water body	11	11	1	208.51	200.00	SM	NA	NA		No
<b>Bacteria Single Sample</b>												
2008	E. coli	1402H_01 Entire water body	22	22	4		394.00	AD	FS	FS		No
2008	Fecal coliform	1402H_01 Entire water body	11	11	3		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:** 1403      **Lake Austin**

**Water body type:** Reservoir

**Water body size:** 1,830 Acres

YEAR		AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
Aquatic Life Use													
Acute Toxic Substances in water													
2006	Copper	1403_01	From Tom Miller dam to Loop 360 bridge	10	10	0		32.06	AD	FS	FS		No
2006	Copper	1403_02	Loop 360 bridge to Quinlan Park	8	8	0		32.06	LD	NC	NC		No
2006	Copper	1403_03	Quinlan Park upstream to Mansfield Dam	4	4	0		32.06	LD	NC	NC		No
Chronic Toxic Substances in water													
2006	Copper	1403_01	From Tom Miller dam to Loop 360 bridge	10	10		2.61	20.30	AD	FS	FS		No
2006	Copper	1403_02	Loop 360 bridge to Quinlan Park	8	8		2.36	20.30	LD	NC	NC		No
2006	Copper	1403_03	Quinlan Park upstream to Mansfield Dam	4	4		2.90	20.30	LD	NC	NC		No
Dissolved Oxygen 24hr average													
2008	Dissolved Oxygen 24hr Avg	1403_03	Quinlan Park upstream to Mansfield Dam	34	34	17		5.00	AD	NS	NS	4c	No
Dissolved Oxygen 24hr minimum													
2008	Dissolved Oxygen 24hr Min	1403_03	Quinlan Park upstream to Mansfield Dam	34	34	11		3.00	AD	NS	NS	4c	No
Dissolved Oxygen grab minimum													
2008	Dissolved Oxygen Grab	1403_01	From Tom Miller dam to Loop 360 bridge	355	65	0		3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	1403_02	Loop 360 bridge to Quinlan Park	441	71	0		3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	1403_03	Quinlan Park upstream to Mansfield Dam	78	47	7		3.00	SM	NS	NS		No
Dissolved Oxygen grab screening level													
2008	Dissolved Oxygen Grab	1403_01	From Tom Miller dam to Loop 360 bridge	355	65	2		5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	1403_02	Loop 360 bridge to Quinlan Park	441	71	5		5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	1403_03	Quinlan Park upstream to Mansfield Dam	78	47	18		5.00	SM	CS	CS		No
Toxic Substances in sediment													
2008	Manganese	1403_01	From Tom Miller dam to Loop 360 bridge	7	7	5		1,100.00	LD	CS	CS		No
2008	Metals	1403_01	From Tom Miller dam to Loop 360 bridge	10	10	0			AD	NC	NC		No
2008	Metals	1403_02	Loop 360 bridge to Quinlan Park	8	8	0			LD	NC	NC		No
2008	Organics	1403_01	From Tom Miller dam to Loop 360 bridge	5	5	0			LD	NC	NC		No
2008	Organics	1403_02	Loop 360 bridge to Quinlan Park	4	4	0			LD	NC	NC		No

2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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Segment ID: 1403 Lake Austin

Water body type: Reservoir Water body size: 1,830 Acres

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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Fish Consumption Use

HH Bioaccumulative Toxics in water

2006	Multiple	1403_01	From Tom Miller dam to Loop 360 bridge	43	43			TR	NA	NA		No
2006	Multiple	1403_03	Quinlan Park upstream to Mansfield Dam	1	1			ID	NA	NA		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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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:** 1403      **Lake Austin**

**Water body type:** Reservoir

**Water body size:** 1,830 Acres

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>General Use</b>												
<b>Dissolved Solids</b>												
2008	Chloride	1403_01	From Tom Miller dam to Loop 360 bridge	150	150	34.02	100.00	AD	FS	FS		No
2008	Chloride	1403_02	Loop 360 bridge to Quinlan Park	150	150	34.02	100.00	AD	FS	FS		No
2008	Chloride	1403_03	Quinlan Park upstream to Mansfield Dam	150	150	34.02	100.00	AD	FS	FS		No
2008	Sulfate	1403_01	From Tom Miller dam to Loop 360 bridge	150	150	23.20	75.00	AD	FS	FS		No
2008	Sulfate	1403_02	Loop 360 bridge to Quinlan Park	150	150	23.20	75.00	AD	FS	FS		No
2008	Sulfate	1403_03	Quinlan Park upstream to Mansfield Dam	150	150	23.20	75.00	AD	FS	FS		No
2008	Total Dissolved Solids	1403_01	From Tom Miller dam to Loop 360 bridge	196	196	263.13	400.00	AD	FS	FS		No
2008	Total Dissolved Solids	1403_02	Loop 360 bridge to Quinlan Park	196	196	263.13	400.00	AD	FS	FS		No
2008	Total Dissolved Solids	1403_03	Quinlan Park upstream to Mansfield Dam	196	196	263.13	400.00	AD	FS	FS		No
<b>High pH</b>												
2008	pH	1403_01	From Tom Miller dam to Loop 360 bridge	371	66	0	9.00	AD	FS	FS		No
2008	pH	1403_02	Loop 360 bridge to Quinlan Park	461	73	0	9.00	AD	FS	FS		No
2008	pH	1403_03	Quinlan Park upstream to Mansfield Dam	79	48	0	9.00	AD	FS	FS		No
<b>Low pH</b>												
2008	pH	1403_01	From Tom Miller dam to Loop 360 bridge	371	66	0	6.50	AD	FS	FS		No
2008	pH	1403_02	Loop 360 bridge to Quinlan Park	461	73	0	6.50	AD	FS	FS		No
2008	pH	1403_03	Quinlan Park upstream to Mansfield Dam	79	48	0	6.50	AD	FS	FS		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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**Segment ID:** 1403      **Lake Austin**

**Water body type:** Reservoir

**Water body size:** 1,830 Acres

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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### General Use

#### Nutrient Screening Levels

2008	Ammonia	1403_01	From Tom Miller dam to Loop 360 bridge	66	66	0	0.11	AD	NC	NC		No
2008	Ammonia	1403_02	Loop 360 bridge to Quinlan Park	86	86	0	0.11	AD	NC	NC		No
2008	Ammonia	1403_03	Quinlan Park upstream to Mansfield Dam	47	47	2	0.11	AD	NC	NC		No
2008	Chlorophyll-a	1403_01	From Tom Miller dam to Loop 360 bridge	57	57	0	26.70	AD	NC	NC		No
2008	Chlorophyll-a	1403_02	Loop 360 bridge to Quinlan Park	63	63	0	26.70	AD	NC	NC		No
2008	Chlorophyll-a	1403_03	Quinlan Park upstream to Mansfield Dam	43	43	0	26.70	AD	NC	NC		No
2008	Nitrate	1403_01	From Tom Miller dam to Loop 360 bridge	70	70	5	0.37	AD	NC	NC		No
2008	Nitrate	1403_02	Loop 360 bridge to Quinlan Park	98	98	7	0.37	AD	NC	NC		No
2008	Nitrate	1403_03	Quinlan Park upstream to Mansfield Dam	47	47	6	0.37	AD	NC	NC		No
2008	Orthophosphorus	1403_01	From Tom Miller dam to Loop 360 bridge	68	68	0	0.05	AD	NC	NC		No
2008	Orthophosphorus	1403_02	Loop 360 bridge to Quinlan Park	91	91	0	0.05	AD	NC	NC		No
2008	Orthophosphorus	1403_03	Quinlan Park upstream to Mansfield Dam	42	42	0	0.05	AD	NC	NC		No
2008	Total Phosphorus	1403_01	From Tom Miller dam to Loop 360 bridge	65	65	0	0.20	AD	NC	NC		No
2008	Total Phosphorus	1403_02	Loop 360 bridge to Quinlan Park	95	95	2	0.20	AD	NC	NC		No
2008	Total Phosphorus	1403_03	Quinlan Park upstream to Mansfield Dam	46	46	1	0.20	AD	NC	NC		No

#### Water Temperature

2008	Temperature	1403_01	From Tom Miller dam to Loop 360 bridge	373	68	0	32.20	AD	FS	FS		No
2008	Temperature	1403_02	Loop 360 bridge to Quinlan Park	461	73	0	32.20	AD	FS	FS		No
2008	Temperature	1403_03	Quinlan Park upstream to Mansfield Dam	79	48	0	32.20	AD	FS	FS		No

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**Segment ID:** 1403      **Lake Austin**

**Water body type:** Reservoir

**Water body size:** 1,830 Acres

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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### Public Water Supply Use

#### **Finished Drinking Water Dissolved Solids average**

2008	Multiple	1403_01	From Tom Miller dam to Loop 360 bridge					OE	NC	NC		No
2008	Multiple	1403_02	Loop 360 bridge to Quinlan Park					OE	NC	NC		No
2008	Multiple	1403_03	Quinlan Park upstream to Mansfield Dam					OE	NC	NC		No

#### **Finished Drinking Water MCLs and Toxic Substances running average**

2008	Multiple	1403_01	From Tom Miller dam to Loop 360 bridge					OE	FS	FS		No
2008	Multiple	1403_02	Loop 360 bridge to Quinlan Park					OE	FS	FS		No
2008	Multiple	1403_03	Quinlan Park upstream to Mansfield Dam					OE	FS	FS		No

#### **Finished Drinking Water MCLs Concern**

2008	Multiple	1403_01	From Tom Miller dam to Loop 360 bridge					OE	NC	NC		No
2008	Multiple	1403_02	Loop 360 bridge to Quinlan Park					OE	NC	NC		No
2008	Multiple	1403_03	Quinlan Park upstream to Mansfield Dam					OE	NC	NC		No

#### **Surface Water HH criteria for PWS average**

2006	Multiple	1403_01	From Tom Miller dam to Loop 360 bridge	43	43			TR	NA	NA		No
2006	Multiple	1403_03	Quinlan Park upstream to Mansfield Dam	1	1			ID	NA	NA		No

#### **Surface Water Toxic Substances average concern**

2006	MTBE	1403_01	From Tom Miller dam to Loop 360 bridge	41	41	1.20	15.00	TR	NA	NA		No
2006	MTBE	1403_03	Quinlan Park upstream to Mansfield Dam	1	1	1.00	15.00	ID	NA	NA		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- Superseded by another method;  
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**Segment ID:** 1403      **Lake Austin**

**Water body type:** Reservoir

**Water body size:** 1,830 Acres

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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### Recreation Use

#### **Bacteria Geomean**

2008	E. coli	1403_01	From Tom Miller dam to Loop 360 bridge	48	48	0	4.04	126.00	AD	FS	FS	No
2008	E. coli	1403_02	Loop 360 bridge to Quinlan Park	65	65	0	5.66	126.00	AD	FS	FS	No
2008	E. coli	1403_03	Quinlan Park upstream to Mansfield Dam	39	39	0	5.58	126.00	AD	FS	FS	No
2008	Fecal coliform	1403_01	From Tom Miller dam to Loop 360 bridge	19	19	0	8.75	200.00	SM	FS	FS	No
2008	Fecal coliform	1403_02	Loop 360 bridge to Quinlan Park	12	12	0	8.54	200.00	SM	FS	FS	No
2008	Fecal coliform	1403_03	Quinlan Park upstream to Mansfield Dam	14	14	0	21.53	200.00	SM	FS	FS	No

#### **Bacteria Single Sample**

2008	E. coli	1403_01	From Tom Miller dam to Loop 360 bridge	48	48	0		394.00	AD	FS	FS	No
2008	E. coli	1403_02	Loop 360 bridge to Quinlan Park	65	65	0		394.00	AD	FS	FS	No
2008	E. coli	1403_03	Quinlan Park upstream to Mansfield Dam	39	39	0		394.00	AD	FS	FS	No
2008	Fecal coliform	1403_01	From Tom Miller dam to Loop 360 bridge	19	19	0		400.00	SM	FS	FS	No
2008	Fecal coliform	1403_02	Loop 360 bridge to Quinlan Park	12	12	0		400.00	SM	FS	FS	No
2008	Fecal coliform	1403_03	Quinlan Park upstream to Mansfield Dam	14	14	2		400.00	SM	FS	FS	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:** 1403A **Bull Creek (unclassified water body)**

**Water body type:** Freshwater Stream

**Water body size:** 10 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Aquatic Life Use</b>												
<b>Dissolved Oxygen grab minimum</b>												
2006	Dissolved Oxygen Grab	1403A_01	From the confluence with Lake Austin to the confluence of West Bull Creek	30	30	0	3.00	AD	FS	FS		No
2006	Dissolved Oxygen Grab	1403A_02	From the confluence of W Bull Creek upstream to the Loop 360 crossing near Lakewood Dr.	15	15	1	3.00	AD	FS	FS		No
2006	Dissolved Oxygen Grab	1403A_03	From the Loop 360 crossing near Lakewood Dr. upstream to the Spicewood Springs Rd crossing near Yaupon Dr.	20	20	1	3.00	AD	FS	FS		No
2006	Dissolved Oxygen Grab	1403A_04	From Spicewood Springs Rd. crossing near Yaupon Dr. upstream to the Spicewood Springs Dr. crossing near Oak Grove	15	15	0	3.00	AD	FS	FS		No
2006	Dissolved Oxygen Grab	1403A_05	From the Spicewood Springs Rd. crossing near the Oak Grove cemetery upstream to the end of segment	15	15	0	3.00	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	1403A_01	From the confluence with Lake Austin to the confluence of West Bull Creek	30	30	0	5.00	AD	NC	NC		No
2006	Dissolved Oxygen Grab	1403A_02	From the confluence of W Bull Creek upstream to the Loop 360 crossing near Lakewood Dr.	15	15	1	5.00	AD	NC	NC		No
2006	Dissolved Oxygen Grab	1403A_03	From the Loop 360 crossing near Lakewood Dr. upstream to the Spicewood Springs Rd crossing near Yaupon Dr.	20	20	1	5.00	AD	NC	NC		No
2006	Dissolved Oxygen Grab	1403A_04	From Spicewood Springs Rd. crossing near Yaupon Dr. upstream to the Spicewood Springs Dr. crossing near Oak Grove	15	15	0	5.00	AD	NC	NC		No
2006	Dissolved Oxygen Grab	1403A_05	From the Spicewood Springs Rd. crossing near the Oak Grove cemetery upstream to the end of segment	15	15	2	5.00	AD	NC	NC		No

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**Segment ID:** 1403A **Bull Creek (unclassified water body)**

**Water body type:** Freshwater Stream

**Water body size:** 10 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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### Aquatic Life Use

#### Macrobenthic Community

2006	Macrobenthic Community	1403A_04	From Spicewood Springs Rd. crossing near Yaupon Dr. upstream to the Spicewood Springs Dr. crossing near Oak Grove					ID	NA	NS	5c	Yes
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#### Toxic Substances in sediment

2006	Chrysene	1403A_01	From the confluence with Lake Austin to the confluence of West Bull Creek	1	1	1	1,290.00	ID	NA	NA		No
2006	Metals	1403A_01	From the confluence with Lake Austin to the confluence of West Bull Creek	1	1	0		ID	NA	NA		No
2006	Organics	1403A_01	From the confluence with Lake Austin to the confluence of West Bull Creek	1	1	0		ID	NA	NA		No
2006	Pyrene	1403A_01	From the confluence with Lake Austin to the confluence of West Bull Creek	1	1	1	1,520.00	ID	NA	NA		No



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Segment ID: 1403A Bull Creek (unclassified water body)

Water body type: Freshwater Stream Water body size: 10 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of</u> <u>Samples</u>	<u>#</u> <u>Assessed</u>	<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> <u>Supp</u>	<u>Imp</u> <u>Category</u>	<u>Carry</u> <u>Forward</u>
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General Use

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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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:** 1403A **Bull Creek (unclassified water body)**

**Water body type:** Freshwater Stream

**Water body size:** 10 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2006	Ammonia	1403A_01	From the confluence with Lake Austin to the confluence of West Bull Creek	27	27	0	0.33	AD	NC	NC		No
2006	Ammonia	1403A_02	From the confluence of W Bull Creek upstream to the Loop 360 crossing near Lakewood Dr.	14	14	0	0.33	AD	NC	NC		No
2006	Ammonia	1403A_03	From the Loop 360 crossing near Lakewood Dr. upstream to the Spicewood Springs Rd crossing near Yaupon Dr.	15	15	0	0.33	AD	NC	NC		No
2006	Ammonia	1403A_04	From Spicewood Springs Rd. crossing near Yaupon Dr. upstream to the Spicewood Springs Dr. crossing near Oak Grove	14	14	0	0.33	AD	NC	NC		No
2006	Ammonia	1403A_05	From the Spicewood Springs Rd. crossing near the Oak Grove cemetery upstream to the end of segment	13	13	0	0.33	AD	NC	NC		No
2006	Chlorophyll-a	1403A_01	From the confluence with Lake Austin to the confluence of West Bull Creek	29	29	0	14.10	AD	NC	NC		No
2006	Chlorophyll-a	1403A_02	From the confluence of W Bull Creek upstream to the Loop 360 crossing near Lakewood Dr.	0	0			ID	NA	NA		No
2006	Chlorophyll-a	1403A_04	From Spicewood Springs Rd. crossing near Yaupon Dr. upstream to the Spicewood Springs Dr. crossing near Oak Grove	0	0	0	14.10	ID	NA	NA		No
2006	Chlorophyll-a	1403A_05	From the Spicewood Springs Rd. crossing near the Oak Grove cemetery upstream to the end of segment	0	0		14.10	ID	NA	NA		No
2006	Nitrate	1403A_01	From the confluence with Lake Austin to the confluence of West Bull Creek	30	30	0	1.95	AD	NC	NC		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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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- Superseded by another method;  
 JQ- Assessor Judgement; OE- Other Information Evaluated; OS- Out-of-State; AU ID - Assessment Unit ID \*Note: Carry-forward refers to impairments without sufficient information in 2008 to re-evaluate the level of support.

**Segment ID: 1403A Bull Creek (unclassified water body)**

**Water body type:** Freshwater Stream

**Water body size:** 10 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2006	Nitrate	1403A_02	From the confluence of W Bull Creek upstream to the Loop 360 crossing near Lakewood Dr.	14	14	0	1.95	AD	NC	NC		No
2006	Nitrate	1403A_03	From the Loop 360 crossing near Lakewood Dr. upstream to the Spicewood Springs Rd crossing near Yaupon Dr.	14	14	0	1.95	AD	NC	NC		No
2006	Nitrate	1403A_04	From Spicewood Springs Rd. crossing near Yaupon Dr. upstream to the Spicewood Springs Dr. crossing near Oak Grove	13	13	0	1.95	AD	NC	NC		No
2006	Nitrate	1403A_05	From the Spicewood Springs Rd. crossing near the Oak Grove cemetery upstream to the end of segment	13	13	0	1.95	AD	NC	NC		No
2006	Orthophosphorus	1403A_01	From the confluence with Lake Austin to the confluence of West Bull Creek	28	28	0	0.37	AD	NC	NC		No
2006	Orthophosphorus	1403A_02	From the confluence of W Bull Creek upstream to the Loop 360 crossing near Lakewood Dr.	14	14	0	0.37	AD	NC	NC		No
2006	Orthophosphorus	1403A_03	From the Loop 360 crossing near Lakewood Dr. upstream to the Spicewood Springs Rd crossing near Yaupon Dr.	14	14	0	0.37	AD	NC	NC		No
2006	Orthophosphorus	1403A_04	From Spicewood Springs Rd. crossing near Yaupon Dr. upstream to the Spicewood Springs Dr. crossing near Oak Grove	13	13	0	0.37	AD	NC	NC		No
2006	Orthophosphorus	1403A_05	From the Spicewood Springs Rd. crossing near the Oak Grove cemetery upstream to the end of segment	13	13	0	0.37	AD	NC	NC		No
2006	Total Phosphorus	1403A_01	From the confluence with Lake Austin to the confluence of West Bull Creek	28	28	0	0.69	AD	NC	NC		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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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:** 1403A **Bull Creek (unclassified water body)**

**Water body type:** Freshwater Stream

**Water body size:** 10 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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### General Use

#### Nutrient Screening Levels

2006	Total Phosphorus	1403A_02	From the confluence of W Bull Creek upstream to the Loop 360 crossing near Lakewood Dr.	14	14	0	0.69	AD	NC	NC		No
2006	Total Phosphorus	1403A_03	From the Loop 360 crossing near Lakewood Dr. upstream to the Spicewood Springs Rd crossing near Yaupon Dr.	10	10	0	0.69	AD	NC	NC		No
2006	Total Phosphorus	1403A_04	From Spicewood Springs Rd. crossing near Yaupon Dr. upstream to the Spicewood Springs Dr. crossing near Oak Grove	9	9	0	0.69	LD	NC	NC		No
2006	Total Phosphorus	1403A_05	From the Spicewood Springs Rd. crossing near the Oak Grove cemetery upstream to the end of segment	10	10	0	0.69	AD	NC	NC		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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**Segment ID:** 1403A **Bull Creek (unclassified water body)**

**Water body type:** Freshwater Stream

**Water body size:** 10 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2006	E. coli	1403A_01	From the confluence with Lake Austin to the confluence of West Bull Creek	30	30		87.00	126.00	AD	FS	FS	No
2006	E. coli	1403A_02	From the confluence of W Bull Creek upstream to the Loop 360 crossing near Lakewood Dr.	4	4		71.00	126.00	TR	NA	NA	No
2006	E. coli	1403A_03	From the Loop 360 crossing near Lakewood Dr. upstream to the Spicewood Springs Rd crossing near Yaupon Dr.	13	8		107.00	126.00	LD	NC	NC	No
2006	E. coli	1403A_04	From Spicewood Springs Rd. crossing near Yaupon Dr. upstream to the Spicewood Springs Dr. crossing near Oak Grove	4	4		27.00	126.00	TR	NA	NA	No
2006	E. coli	1403A_05	From the Spicewood Springs Rd. crossing near the Oak Grove cemetery upstream to the end of segment	4	4		37.00	126.00	TR	NA	NA	No
2006	Fecal coliform	1403A_01	From the confluence with Lake Austin to the confluence of West Bull Creek	11	11		149.00	200.00	SM	FS	FS	No
2006	Fecal coliform	1403A_02	From the confluence of W Bull Creek upstream to the Loop 360 crossing near Lakewood Dr.	10	10	1	63.00	200.00	AD	FS	FS	No
2006	Fecal coliform	1403A_03	From the Loop 360 crossing near Lakewood Dr. upstream to the Spicewood Springs Rd crossing near Yaupon Dr.	20	15		121.00	200.00	AD	FS	FS	No
2006	Fecal coliform	1403A_04	From Spicewood Springs Rd. crossing near Yaupon Dr. upstream to the Spicewood Springs Dr. crossing near Oak Grove	10	10		43.00	200.00	AD	FS	FS	No
2006	Fecal coliform	1403A_05	From the Spicewood Springs Rd. crossing near the Oak Grove cemetery upstream to the end of segment	10	10		13.00	200.00	AD	FS	FS	No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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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:** 1403A **Bull Creek (unclassified water body)**

**Water body type:** Freshwater Stream

**Water body size:** 10 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Recreation Use</b>												
<b>Bacteria Single Sample</b>												
2006	E. coli	1403A_01	From the confluence with Lake Austin to the confluence of West Bull Creek	30	30	3	394.00	AD	FS	FS		No
2006	E. coli	1403A_02	From the confluence of W Bull Creek upstream to the Loop 360 crossing near Lakewood Dr.	4	4	0	394.00	TR	NA	NA		No
2006	E. coli	1403A_03	From the Loop 360 crossing near Lakewood Dr. upstream to the Spicewood Springs Rd crossing near Yaupon Dr.	13	8	0		LD	NC	NC		No
2006	E. coli	1403A_04	From Spicewood Springs Rd. crossing near Yaupon Dr. upstream to the Spicewood Springs Dr. crossing near Oak Grove	4	4	0	394.00	TR	NA	NA		No
2006	E. coli	1403A_05	From the Spicewood Springs Rd. crossing near the Oak Grove cemetery upstream to the end of segment	4	4	0	394.00	TR	NA	NA		No
2006	Fecal coliform	1403A_01	From the confluence with Lake Austin to the confluence of West Bull Creek	11	11	3	400.00	SM	FS	FS		No
2006	Fecal coliform	1403A_02	From the confluence of W Bull Creek upstream to the Loop 360 crossing near Lakewood Dr.	10	10	1	400.00	AD	FS	FS		No
2006	Fecal coliform	1403A_03	From the Loop 360 crossing near Lakewood Dr. upstream to the Spicewood Springs Rd crossing near Yaupon Dr.	20	15	1	400.00	AD	FS	FS		No
2006	Fecal coliform	1403A_04	From Spicewood Springs Rd. crossing near Yaupon Dr. upstream to the Spicewood Springs Dr. crossing near Oak Grove	10	10	0	400.00	AD	FS	FS		No
2006	Fecal coliform	1403A_05	From the Spicewood Springs Rd. crossing near the Oak Grove cemetery upstream to the end of segment	10	10	0	400.00	AD	FS	FS		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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**Segment ID:** 1403B      **West Bull Creek (unclassified water body)**

**Water body type:** Freshwater Stream

**Water body size:** 5 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry- Forward</u>
<b>Aquatic Life Use</b>												
<b>Dissolved Oxygen grab minimum</b>												
2006	Dissolved Oxygen Grab	1403B_01 Entire water body	28	28	0		3.00	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	1403B_01 Entire water body	28	28	1		5.00	AD	NC	NC		No
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2006	Ammonia	1403B_01 Entire water body	29	29	0		0.33	AD	NC	NC		No
2006	Chlorophyll-a	1403B_01 Entire water body	0	0	0		14.10	ID	NA	NA		No
2006	Nitrate	1403B_01 Entire water body	27	27	0		1.95	AD	NC	NC		No
2006	Orthophosphorus	1403B_01 Entire water body	27	27	0		0.37	AD	NC	NC		No
2006	Total Phosphorus	1403B_01 Entire water body	19	19	0		0.69	AD	NC	NC		No
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2006	E. coli	1403B_01 Entire water body	8	8		138.00	126.00	TR	NA	NA		No
2006	Fecal coliform	1403B_01 Entire water body	20	20		200.00	104.00	AD	FS	FS		No
<b>Bacteria Single Sample</b>												
2006	E. coli	1403B_01 Entire water body	8	8	2		394.00	TR	NA	NA		No
2006	Fecal coliform	1403B_01 Entire water body	20	20	1		400.00	AD	FS	FS		No

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<b>Water body type:</b>	Freshwater Stream	<b>Water body size:</b>	1	Miles
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## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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**Segment ID:** 1403E      **Stillhouse Hollow (unclassified water body)**

**Water body type:** Freshwater Stream

**Water body size:** 1 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry- Forward</u>
<b>Aquatic Life Use</b>												
<b>Dissolved Oxygen grab minimum</b>												
2008	Dissolved Oxygen Grab	1403E_01 Entire water body	12	12	0		3.00	TR	NA	NA		No
<b>Dissolved Oxygen grab screening level</b>												
2008	Dissolved Oxygen Grab	1403E_01 Entire water body	12	12	0		5.00	TR	NA	NA		No
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2008	Ammonia	1403E_01 Entire water body	11	11	0		0.33	JQ	NC	NC		No
2008	Nitrate	1403E_01 Entire water body	11	11	11		1.95	JQ	CS	CS		No
2008	Total Phosphorus	1403E_01 Entire water body	10	10	0		0.69	JQ	NA	NA		No
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2008	E. coli	1403E_01 Entire water body	0	0			126.00	ID	NA	NA		No
<b>Bacteria Single Sample</b>												
2008	E. coli	1403E_01 Entire water body	0	0	0		394.00	ID	NA	NA		No

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**Segment ID: 1403F Bull Creek Tributary 3 (unclassified water body)**

**Water body type:** Freshwater Stream

**Water body size:** 3 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Aquatic Life Use</b>												
<b>Dissolved Oxygen grab minimum</b>												
2006	Dissolved Oxygen Grab	1403F_01	Entire water body	1	1	0	1.50	ID	NA	NA		No
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	1403F_01	Entire water body	1	1	0	2.00	ID	NA	NA		No
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2006	Ammonia	1403F_01	Entire water body	1	1	0	0.11	ID	NA	NA		No
2006	Chlorophyll-a	1403F_01	Entire water body	0	0	0	14.10	ID	NA	NA		No
2006	Nitrate	1403F_01	Entire water body	1	1	0	1.95	ID	NA	NA		No
2006	Orthophosphorus	1403F_01	Entire water body	1	1	0	0.37	ID	NA	NA		No
2006	Total Phosphorus	1403F_01	Entire water body	1	1	0	0.69	ID	NA	NA		No
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2006	Fecal coliform	1403F_01	Entire water body	1	1		6.00	ID	NA	NA		No
<b>Bacteria Single Sample</b>												
2006	Fecal coliform	1403F_01	Entire water body	1	1	0	400.00	ID	NA	NA		No

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**Segment ID:** 1403H **Bull Creek Tributary 6 (unclassified water body)**

**Water body type:** Freshwater Stream

**Water body size:** 3 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Aquatic Life Use</b>												
<b>Dissolved Oxygen grab minimum</b>												
2006	Dissolved Oxygen Grab	1403H_01 Entire water body	28	28	0		3.00	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	1403H_01 Entire water body	28	28	0		5.00	AD	NC	NC		No
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2006	Ammonia	1403H_01 Entire water body	30	30	0		0.33	AD	NC	NC		No
2006	Chlorophyll-a	1403H_01 Entire water body	0	0			14.10	ID	NA	NA		No
2006	Nitrate	1403H_01 Entire water body	29	29	1		1.95	AD	NC	NC		No
2006	Orthophosphorus	1403H_01 Entire water body	30	30	0		0.37	AD	NC	NC		No
2006	Total Phosphorus	1403H_01 Entire water body	21	21	1		0.69	AD	NC	NC		No
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2006	E. coli	1403H_01 Entire water body	8	8		67.00	126.00	TR	NA	NA		No
2006	Fecal coliform	1403H_01 Entire water body	21	21		39.00	200.00	AD	FS	FS		No
<b>Bacteria Single Sample</b>												
2006	E. coli	1403H_01 Entire water body	8	8	1		394.00	TR	NA	NA		No
2006	Fecal coliform	1403H_01 Entire water body	21	21	0		400.00	AD	FS	FS		No

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**Segment ID: 1403I Bull Creek Tributary 5 (unclassified water body)**

**Water body type:** Freshwater Stream

**Water body size:** 1 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Aquatic Life Use</b>												
<b>Dissolved Oxygen grab minimum</b>												
2006	Dissolved Oxygen Grab	1403I_01	Entire water body	10	10	0	1.50	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	1403I_01	Entire water body	10	10	0	2.00	AD	NC	NC		No
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2006	Ammonia	1403I_01	Entire water body	10	10	0	0.33	AD	NC	NC		No
2006	Chlorophyll-a	1403I_01	Entire water body	0	0	0	14.10	ID	NA	NA		No
2006	Nitrate	1403I_01	Entire water body	10	10	0	1.95	AD	NC	NC		No
2006	Orthophosphorus	1403I_01	Entire water body	10	10	0	0.37	AD	NC	NC		No
2006	Total Phosphorus	1403I_01	Entire water body	10	10	0	0.69	AD	NC	NC		No
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2006	E. coli	1403I_01	Entire water body	4	4		65.00	TR	NA	NA		No
2006	Fecal coliform	1403I_01	Entire water body	10	10		37.00	AD	FS	FS		No
<b>Bacteria Single Sample</b>												
2006	E. coli	1403I_01	Entire water body	4	4	0	394.00	TR	NA	NA		No
2006	Fecal coliform	1403I_01	Entire water body	10	10	0	400.00	AD	FS	FS		No

2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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Segment ID: 1403J Spicewood Tributary to Shoal Creek (unclassified water body)

Water body type: Freshwater Stream Water body size: 1 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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Recreation Use

Bacteria Geomean

2008	E. coli	1403J_01	Entire water body			0	126.00	ID	NA	NA		No
2008	Fecal coliform	1403J_01	Entire water body				200.00	ID	NA	NS	5c	Yes

Bacteria Single Sample

2008	E. coli	1403J_01	Entire water body			0	394.00	ID	NA	NA		No
2008	Fecal coliform	1403J_01	Entire water body				400.00	ID	NA	NA		No

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**Segment ID: 1403K Taylor Slough South (unclassified water body)**

**Water body type:** Freshwater Stream

**Water body size:** 0 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Aquatic Life Use</b>												
<b>Dissolved Oxygen grab minimum</b>												
2006	Dissolved Oxygen Grab	1403K_01 Entire water body	0	0	0		3.00	ID	NA	NA		No
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	1403K_01 Entire water body	0	0	0		5.00	ID	NA	NA		No
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2006	Ammonia	1403K_01 Entire water body	15	15	0		0.33	AD	NC	NC		No
2006	Chlorophyll-a	1403K_01 Entire water body	0	0	0		14.10	ID	NA	NA		No
2006	Nitrate	1403K_01 Entire water body	14	14	9		1.95	AD	CS	CS		No
2006	Orthophosphorus	1403K_01 Entire water body	15	15	0		0.37	AD	NC	NC		No
2006	Total Phosphorus	1403K_01 Entire water body	0	0	0		0.69	ID	NA	NA		No
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2006	E. coli	1403K_01 Entire water body	0	0		0.00	126.00	ID	NA	NA		No
2006	Fecal coliform	1403K_01 Entire water body	12	12		414.00	200.00	AD	NS	NS	5c	No
<b>Bacteria Single Sample</b>												
2006	E. coli	1403K_01 Entire water body	0	0	0		394.00	ID	NA	NA		No
2006	Fecal coliform	1403K_01 Entire water body	12	12	6		400.00	AD	NS	NS	5c	No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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**Segment ID:** 1403L      **Running Deer Creek (unclassified water body)**

**Water body type:** Freshwater Stream

**Water body size:** 1 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry- Forward</u>
<b>Aquatic Life Use</b>												
<b>Dissolved Oxygen grab minimum</b>												
2006	Dissolved Oxygen Grab	1403L_01	Entire water body	1	1	0	3.00	ID	NA	NA		No
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	1403L_01	Entire water body	1	1	0	5.00	ID	NA	NA		No
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2006	Ammonia	1403L_01	Entire water body	12	12	0	0.33	AD	NC	NC		No
2006	Chlorophyll-a	1403L_01	Entire water body	0	0	0	14.10	ID	NA	NA		No
2006	Nitrate	1403L_01	Entire water body	11	11	0	1.95	AD	NC	NC		No
2006	Orthophosphorus	1403L_01	Entire water body	11	11	0	0.37	AD	NC	NC		No
2006	Total Phosphorus	1403L_01	Entire water body	0	0		0.69	ID	NA	NA		No
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2006	E. coli	1403L_01	Entire water body	0	0		126.00	ID	NA	NA		No
2006	Fecal coliform	1403L_01	Entire water body	10	10		127.00	AD	FS	FS		No
<b>Bacteria Single Sample</b>												
2006	E. coli	1403L_01	Entire water body	0	0	0	394.00	ID	NA	NA		No
2006	Fecal coliform	1403L_01	Entire water body	10	10	1	400.00	AD	FS	FS		No

2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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Segment ID: 1403M Turkey Creek (unclassified water body)

Water body type: Freshwater Stream Water body size: 4 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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Aquatic Life Use

Dissolved Oxygen grab minimum

2006	Dissolved Oxygen Grab	1403M_01	Entire water body	1	1	0	1.50	ID	NA	NA		No
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Dissolved Oxygen grab screening level

2006	Dissolved Oxygen Grab	1403M_01	Entire water body	1	1	0	2.00	ID	NA	NA		No
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2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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Segment ID: 1403N Panther Hollow Creek (unclassified water body)

Water body type: Freshwater Stream Water body size: 4 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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Aquatic Life Use

Dissolved Oxygen grab minimum

2006	Dissolved Oxygen Grab	1403N_01	Entire water body	1	1	0	3.00	ID	NA	NA		No
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Dissolved Oxygen grab screening level

2006	Dissolved Oxygen Grab	1403N_01	Entire water body	1	1	0	5.00	ID	NA	NA		No
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2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

2008 Supp (level of support) and Integ Supp (integrated 303(d) level of support) identifiers: FS- Fully Supporting; CN- Concern for Near non-attainment; CS- Concern for Screening level; NS- Non-Supporting; NA- Not assessed; NC- No concern; Dataset Qualifiers: AD- Adequate Data; ID- Inadequate Data; LD- Limited Data; TR- Not Temporally Representative; SR- Not Spatially Representative; SM- 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: 14030 Cuernavaca Creek (unclassified water body)

Water body type: Freshwater Stream Water body size: 3 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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Aquatic Life Use

Dissolved Oxygen grab minimum

2006	Dissolved Oxygen Grab	1403O_01	Entire water body	1	1	0	1.50	ID	NA	NA		No
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Dissolved Oxygen grab screening level

2006	Dissolved Oxygen Grab	1403O_01	Entire water body	1	1	0	2.00	ID	NA	NA		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;  
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**Segment ID: 1403P Bee Creek (unclassified water body)**

**Water body type:** Freshwater Stream

**Water body size:** 3 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Aquatic Life Use</b>												
<b>Dissolved Oxygen grab minimum</b>												
2006	Dissolved Oxygen Grab	1403P_01	Entire water body	0	0		2.00	ID	NA	NA		No
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	1403P_01	Entire water body	0	0		3.00	ID	NA	NA		No
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2006	Ammonia	1403P_01	Entire water body	14	14	0	0.33	TR	NA	NA		No
2006	Chlorophyll-a	1403P_01	Entire water body	0	0		14.10	ID	NA	NA		No
2006	Nitrate	1403P_01	Entire water body	13	13	0	1.95	TR	NA	NA		No
2006	Orthophosphorus	1403P_01	Entire water body	13	13	0	0.37	TR	NA	NA		No
2006	Total Phosphorus	1403P_01	Entire water body	0	0		0.69	ID	NA	NA		No
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2006	E. coli	1403P_01	Entire water body	0	0		126.00	ID	NA	NA		No
2006	Fecal coliform	1403P_01	Entire water body	13	13		18.00	TR	NA	NA		No
<b>Bacteria Single Sample</b>												
2006	E. coli	1403P_01	Entire water body	0	0		394.00	ID	NA	NA		No
2006	Fecal coliform	1403P_01	Entire water body	13	13	0	400.00	TR	NA	NA		No

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Segment ID: 1403Q Bear Creek (unclassified water body)

Water body type: Freshwater Stream Water body size: 3 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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Aquatic Life Use

Dissolved Oxygen grab minimum

2006	Dissolved Oxygen Grab	1403Q_01	Entire water body	1	1	0	1.50	ID	NA	NA		No
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Dissolved Oxygen grab screening level

2006	Dissolved Oxygen Grab	1403Q_01	Entire water body	1	1	0	2.00	ID	NA	NA		No
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## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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**Segment ID: 1403R Westlake-Davenport Tributary to Lake Austin (unclassified water body)**

**Water body type:** Freshwater Stream

**Water body size:** 2 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry- Forward</u>
<b>Aquatic Life Use</b>												
<b>Dissolved Oxygen grab minimum</b>												
2006	Dissolved Oxygen Grab	1403R_01 Entire water body	1	1	0		2.00	ID	NA	NA		No
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	1403R_01 Entire water body	1	1	0		3.00	ID	NA	NA		No
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2006	Ammonia	1403R_01 Entire water body	16	16	0		0.33	AD	NC	NC		No
2006	Chlorophyll-a	1403R_01 Entire water body	0	0			14.10	ID	NA	NA		No
2006	Nitrate	1403R_01 Entire water body	16	16	0		1.95	AD	NC	NC		No
2006	Orthophosphorus	1403R_01 Entire water body	16	16	0		0.37	AD	NC	NC		No
2006	Total Phosphorus	1403R_01 Entire water body	0	0			0.69	ID	NA	NA		No
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2006	E. coli	1403R_01 Entire water body	0	0			126.00	ID	NA	NA		No
2006	Fecal coliform	1403R_01 Entire water body	16	16		317.00	200.00	AD	NS	NS	5c	No
<b>Bacteria Single Sample</b>												
2006	E. coli	1403R_01 Entire water body	0	0			394.00	ID	NA	NA		No
2006	Fecal coliform	1403R_01 Entire water body	16	16	7		400.00	AD	NS	NS	5c	No

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**Segment ID:** 1404      **Lake Travis**

**Water body type:** Reservoir

**Water body size:** 18,929 Acres

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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### Aquatic Life Use

#### **Dissolved Oxygen grab minimum**

2008	Dissolved Oxygen Grab	1404_01	From Mansfield Dam upstream to the confluence with Big Sandy Creek Arm	978	62	0	4.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	1404_02	Big Sandy Creek Arm	523	41	0	4.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	1404_03	Arkansas Bend area, from Sandy Creek Arm upstream to Hurst Creek Arm	794	41	0	4.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	1404_04	Lakeway area, from Hurst Creek arm upstream to the confluence with Cow Creek	702	40	1	4.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	1404_05	From the confluence with Cow Creek upstream to the confluence of the Pedernales River	566	41	1	4.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	1404_06	From the confluence with the Pedernales River upstream to Muleshoe Bend	489	41	0	4.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	1404_07	From Muleshoe Bend upstream to the confluence with Hickory Creed	410	41	0	4.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	1404_08	From Hickory Creek confluence upstream to the headwaters at Max Starcke Dam	46	41	0	4.00	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- Superseded by another method;  
 JQ- Assessor Judgement; OE- Other Information Evaluated; OS- Out-of-State; AU ID - Assessment Unit ID \*Note: Carry-forward refers to impairments without sufficient information in 2008 to re-evaluate the level of support.

**Segment ID:** 1404      **Lake Travis**

**Water body type:** Reservoir

**Water body size:** 18,929 Acres

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Aquatic Life Use</b>												
<b>Dissolved Oxygen grab screening level</b>												
2008	Dissolved Oxygen Grab	1404_01	From Mansfield Dam upstream to the confluence with Big Sandy Creek Arm	978	62	2	6.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	1404_02	Big Sandy Creek Arm	523	41	1	6.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	1404_03	Arkansas Bend area, from Sandy Creek Arm upstream to Hurst Creek Arm	794	41	3	6.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	1404_04	Lakeway area, from Hurst Creek arm upstream to the confluence with Cow Creek	702	40	5	6.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	1404_05	From the confluence with Cow Creek upstream to the confluence of the Pedernales River	566	41	7	6.00	AD	CS	CS		No
2008	Dissolved Oxygen Grab	1404_06	From the confluence with the Pedernales River upstream to Muleshoe Bend	489	41	7	6.00	AD	CS	CS		No
2008	Dissolved Oxygen Grab	1404_07	From Muleshoe Bend upstream to the confluence with Hickory Creed	410	41	5	6.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	1404_08	From Hickory Creek confluence upstream to the headwaters at Max Starcke Dam	46	41	0	6.00	AD	NC	NC		No
<b>Toxic Substances in sediment</b>												
2008	Metals	1404_01	From Mansfield Dam upstream to the confluence with Big Sandy Creek Arm	3	3	0		ID	NA	NA		No
2008	Organics	1404_02	Big Sandy Creek Arm	2	2	0		ID	NA	NA		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- 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: 1404 Lake Travis

Water body type: Reservoir Water body size: 18,929 Acres

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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General Use



## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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**Segment ID:** 1404      **Lake Travis**

**Water body type:** Reservoir

**Water body size:** 18,929 Acres

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>General Use</b>												
<b>Dissolved Solids</b>												
2008	Chloride	1404_01	From Mansfield Dam upstream to the confluence with Big Sandy Creek Arm	250	250	37.72	100.00	AD	FS	FS		No
2008	Chloride	1404_02	Big Sandy Creek Arm	250	250	37.72	100.00	AD	FS	FS		No
2008	Chloride	1404_03	Arkansas Bend area, from Sandy Creek Arm upstream to Hurst Creek Arm	250	250	37.72	100.00	AD	FS	FS		No
2008	Chloride	1404_04	Lakeway area, from Hurst Creek arm upstream to the confluence with Cow Creek	250	250	37.72	100.00	AD	FS	FS		No
2008	Chloride	1404_05	From the confluence with Cow Creek upstream to the confluence of the Pedernales River	250	250	37.72	100.00	AD	FS	FS		No
2008	Chloride	1404_06	From the confluence with the Pedernales River upstream to Muleshoe Bend	250	250	37.72	100.00	AD	FS	FS		No
2008	Chloride	1404_07	From Muleshoe Bend upstream to the confluence with Hickory Creed	250	250	37.72	100.00	AD	FS	FS		No
2008	Chloride	1404_08	From Hickory Creek confluence upstream to the headwaters at Max Starcke Dam	250	250	37.72	100.00	AD	FS	FS		No
2008	Sulfate	1404_01	From Mansfield Dam upstream to the confluence with Big Sandy Creek Arm	250	250	24.19	75.00	AD	FS	FS		No
2008	Sulfate	1404_02	Big Sandy Creek Arm	250	250	24.19	75.00	AD	FS	FS		No
2008	Sulfate	1404_03	Arkansas Bend area, from Sandy Creek Arm upstream to Hurst Creek Arm	250	250	24.19	75.00	AD	FS	FS		No
2008	Sulfate	1404_04	Lakeway area, from Hurst Creek arm upstream to the confluence with Cow Creek	250	250	24.19	75.00	AD	FS	FS		No
2008	Sulfate	1404_05	From the confluence with Cow Creek upstream to the confluence of the Pedernales River	250	250	24.19	75.00	AD	FS	FS		No
2008	Sulfate	1404_06	From the confluence with the Pedernales River upstream to Muleshoe Bend	250	250	24.19	75.00	AD	FS	FS		No

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**Segment ID:** 1404      **Lake Travis**

**Water body type:** Reservoir

**Water body size:** 18,929 Acres

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>General Use</b>												
<b>Dissolved Solids</b>												
2008	Sulfate	1404_07	From Muleshoe Bend upstream to the confluence with Hickory Creed	250	250	24.19	75.00	AD	FS	FS		No
2008	Sulfate	1404_08	From Hickory Creek confluence upstream to the headwaters at Max Starcke Dam	250	250	24.19	75.00	AD	FS	FS		No
2008	Total Dissolved Solids	1404_01	From Mansfield Dam upstream to the confluence with Big Sandy Creek Arm	386	386	277.55	400.00	AD	FS	FS		No
2008	Total Dissolved Solids	1404_02	Big Sandy Creek Arm	386	386	277.55	400.00	AD	FS	FS		No
2008	Total Dissolved Solids	1404_03	Arkansas Bend area, from Sandy Creek Arm upstream to Hurst Creek Arm	386	386	277.55	400.00	AD	FS	FS		No
2008	Total Dissolved Solids	1404_04	Lakeway area, from Hurst Creek arm upstream to the confluence with Cow Creek	386	386	277.55	400.00	AD	FS	FS		No
2008	Total Dissolved Solids	1404_05	From the confluence with Cow Creek upstream to the confluence of the Pedernales River	386	386	277.55	400.00	AD	FS	FS		No
2008	Total Dissolved Solids	1404_06	From the confluence with the Pedernales River upstream to Muleshoe Bend	386	386	277.55	400.00	AD	FS	FS		No
2008	Total Dissolved Solids	1404_07	From Muleshoe Bend upstream to the confluence with Hickory Creed	386	386	277.55	400.00	AD	FS	FS		No
2008	Total Dissolved Solids	1404_08	From Hickory Creek confluence upstream to the headwaters at Max Starcke Dam	386	386	277.55	400.00	AD	FS	FS		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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**Segment ID:** 1404      **Lake Travis**

**Water body type:** Reservoir

**Water body size:** 18,929 Acres

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>General Use</b>												
<b>High pH</b>												
2008	pH	1404_01	From Mansfield Dam upstream to the confluence with Big Sandy Creek Arm	979	62	0	9.00	AD	FS	FS		No
2008	pH	1404_02	Big Sandy Creek Arm	523	41	0	9.00	AD	FS	FS		No
2008	pH	1404_03	Arkansas Bend area, from Sandy Creek Arm upstream to Hurst Creek Arm	794	41	0	9.00	AD	FS	FS		No
2008	pH	1404_04	Lakeway area, from Hurst Creek arm upstream to the confluence with Cow Creek	702	40	0	9.00	AD	FS	FS		No
2008	pH	1404_05	From the confluence with Cow Creek upstream to the confluence of the Pedernales River	567	41	0	9.00	AD	FS	FS		No
2008	pH	1404_06	From the confluence with the Pedernales River upstream to Muleshoe Bend	489	41	0	9.00	AD	FS	FS		No
2008	pH	1404_07	From Muleshoe Bend upstream to the confluence with Hickory Creed	411	41	0	9.00	AD	FS	FS		No
2008	pH	1404_08	From Hickory Creek confluence upstream to the headwaters at Max Starcke Dam	46	41	0	9.00	AD	FS	FS		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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**Segment ID:** 1404      **Lake Travis**

**Water body type:** Reservoir

**Water body size:** 18,929 Acres

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>General Use</b>												
<b>Low pH</b>												
2008	pH	1404_01	From Mansfield Dam upstream to the confluence with Big Sandy Creek Arm	979	62	0	6.50	AD	FS	FS		No
2008	pH	1404_02	Big Sandy Creek Arm	523	41	0	6.50	AD	FS	FS		No
2008	pH	1404_03	Arkansas Bend area, from Sandy Creek Arm upstream to Hurst Creek Arm	794	41	0	6.50	AD	FS	FS		No
2008	pH	1404_04	Lakeway area, from Hurst Creek arm upstream to the confluence with Cow Creek	702	40	0	6.50	AD	FS	FS		No
2008	pH	1404_05	From the confluence with Cow Creek upstream to the confluence of the Pedernales River	567	41	0	6.50	AD	FS	FS		No
2008	pH	1404_06	From the confluence with the Pedernales River upstream to Muleshoe Bend	489	41	0	6.50	AD	FS	FS		No
2008	pH	1404_07	From Muleshoe Bend upstream to the confluence with Hickory Creed	411	41	0	6.50	AD	FS	FS		No
2008	pH	1404_08	From Hickory Creek confluence upstream to the headwaters at Max Starcke Dam	46	41	0	6.50	AD	FS	FS		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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**Segment ID: 1404 Lake Travis**

**Water body type:** Reservoir

**Water body size:** 18,929 Acres

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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### General Use

#### Nutrient Screening Levels

2008	Ammonia	1404_01	From Mansfield Dam upstream to the confluence with Big Sandy Creek Arm	41	41	0	0.11	AD	NC	NC		No
2008	Ammonia	1404_02	Big Sandy Creek Arm	41	41	0	0.11	AD	NC	NC		No
2008	Ammonia	1404_03	Arkansas Bend area, from Sandy Creek Arm upstream to Hurst Creek Arm	41	41	0	0.11	AD	NC	NC		No
2008	Ammonia	1404_05	From the confluence with Cow Creek upstream to the confluence of the Pedernales River	40	40	0	0.11	AD	NC	NC		No
2008	Ammonia	1404_07	From Muleshoe Bend upstream to the confluence with Hickory Creed	41	41	0	0.11	AD	NC	NC		No
2008	Ammonia	1404_08	From Hickory Creek confluence upstream to the headwaters at Max Starcke Dam	36	36	0	0.11	AD	NC	NC		No
2008	Chlorophyll-a	1404_01	From Mansfield Dam upstream to the confluence with Big Sandy Creek Arm	60	60	0	26.70	AD	NC	NC		No
2008	Chlorophyll-a	1404_02	Big Sandy Creek Arm	41	41	0	26.70	AD	NC	NC		No
2008	Chlorophyll-a	1404_03	Arkansas Bend area, from Sandy Creek Arm upstream to Hurst Creek Arm	41	41	0	26.70	AD	NC	NC		No
2008	Chlorophyll-a	1404_05	From the confluence with Cow Creek upstream to the confluence of the Pedernales River	41	41	0	26.70	AD	NC	NC		No
2008	Chlorophyll-a	1404_07	From Muleshoe Bend upstream to the confluence with Hickory Creed	41	41	2	26.70	AD	NC	NC		No
2008	Chlorophyll-a	1404_08	From Hickory Creek confluence upstream to the headwaters at Max Starcke Dam	36	36	0	26.70	AD	NC	NC		No
2008	Nitrate	1404_01	From Mansfield Dam upstream to the confluence with Big Sandy Creek Arm	61	61	1	0.37	AD	NC	NC		No
2008	Nitrate	1404_02	Big Sandy Creek Arm	42	42	1	0.37	AD	NC	NC		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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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: 1404 Lake Travis**

**Water body type:** Reservoir

**Water body size:** 18,929 Acres

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2008	Nitrate	1404_03	Arkansas Bend area, from Sandy Creek Arm upstream to Hurst Creek Arm	42	42	1	0.37	AD	NC	NC		No
2008	Nitrate	1404_05	From the confluence with Cow Creek upstream to the confluence of the Pedernales River	42	42	1	0.37	AD	NC	NC		No
2008	Nitrate	1404_07	From Muleshoe Bend upstream to the confluence with Hickory Creed	42	42	3	0.37	AD	NC	NC		No
2008	Nitrate	1404_08	From Hickory Creek confluence upstream to the headwaters at Max Starcke Dam	38	38	4	0.37	AD	NC	NC		No
2008	Orthophosphorus	1404_01	From Mansfield Dam upstream to the confluence with Big Sandy Creek Arm	36	36	0	0.05	AD	NC	NC		No
2008	Orthophosphorus	1404_02	Big Sandy Creek Arm	37	37	0	0.05	AD	NC	NC		No
2008	Orthophosphorus	1404_03	Arkansas Bend area, from Sandy Creek Arm upstream to Hurst Creek Arm	37	37	0	0.05	AD	NC	NC		No
2008	Orthophosphorus	1404_05	From the confluence with Cow Creek upstream to the confluence of the Pedernales River	40	40	1	0.05	AD	NC	NC		No
2008	Orthophosphorus	1404_07	From Muleshoe Bend upstream to the confluence with Hickory Creed	38	38	0	0.05	AD	NC	NC		No
2008	Orthophosphorus	1404_08	From Hickory Creek confluence upstream to the headwaters at Max Starcke Dam	39	39	0	0.05	AD	NC	NC		No
2008	Total Phosphorus	1404_01	From Mansfield Dam upstream to the confluence with Big Sandy Creek Arm	58	58	1	0.20	AD	NC	NC		No
2008	Total Phosphorus	1404_02	Big Sandy Creek Arm	39	39	0	0.20	AD	NC	NC		No
2008	Total Phosphorus	1404_03	Arkansas Bend area, from Sandy Creek Arm upstream to Hurst Creek Arm	41	41	1	0.20	AD	NC	NC		No
2008	Total Phosphorus	1404_05	From the confluence with Cow Creek upstream to the confluence of the Pedernales River	38	38	0	0.20	AD	NC	NC		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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**Segment ID:** 1404      **Lake Travis**

**Water body type:** Reservoir

**Water body size:** 18,929 Acres

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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### General Use

#### Nutrient Screening Levels

2008	Total Phosphorus	1404_07	From Muleshoe Bend upstream to the confluence with Hickory Creed	41	41	0	0.20	AD	NC	NC		No
2008	Total Phosphorus	1404_08	From Hickory Creek confluence upstream to the headwaters at Max Starcke Dam	38	38	0	0.20	AD	NC	NC		No

#### Water Temperature

2008	Temperature	1404_01	From Mansfield Dam upstream to the confluence with Big Sandy Creek Arm	979	62	0	32.20	AD	FS	FS		No
2008	Temperature	1404_02	Big Sandy Creek Arm	523	41	0	32.20	AD	FS	FS		No
2008	Temperature	1404_03	Arkansas Bend area, from Sandy Creek Arm upstream to Hurst Creek Arm	794	41	0	32.20	AD	FS	FS		No
2008	Temperature	1404_04	Lakeway area, from Hurst Creek arm upstream to the confluence with Cow Creek	702	40	0	32.20	AD	FS	FS		No
2008	Temperature	1404_05	From the confluence with Cow Creek upstream to the confluence of the Pedernales River	567	41	0	32.20	AD	FS	FS		No
2008	Temperature	1404_06	From the confluence with the Pedernales River upstream to Muleshoe Bend	489	41	0	32.20	AD	FS	FS		No
2008	Temperature	1404_07	From Muleshoe Bend upstream to the confluence with Hickory Creed	411	41	1	32.20	AD	FS	FS		No
2008	Temperature	1404_08	From Hickory Creek confluence upstream to the headwaters at Max Starcke Dam	46	41	0	32.20	AD	FS	FS		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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**Segment ID:** 1404      **Lake Travis**

**Water body type:** Reservoir

**Water body size:** 18,929 Acres

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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### Public Water Supply Use

#### **Finished Drinking Water Dissolved Solids average**

2008	Multiple	1404_01	From Mansfield Dam upstream to the confluence with Big Sandy Creek Arm					OE	NC	NC		No
2008	Multiple	1404_02	Big Sandy Creek Arm					OE	NC	NC		No
2008	Multiple	1404_03	Arkansas Bend area, from Sandy Creek Arm upstream to Hurst Creek Arm					OE	NC	NC		No
2008	Multiple	1404_04	Lakeway area, from Hurst Creek arm upstream to the confluence with Cow Creek					OE	NC	NC		No
2008	Multiple	1404_05	From the confluence with Cow Creek upstream to the confluence of the Pedernales River					OE	NC	NC		No
2008	Multiple	1404_06	From the confluence with the Pedernales River upstream to Muleshoe Bend					OE	NC	NC		No
2008	Multiple	1404_07	From Muleshoe Bend upstream to the confluence with Hickory Creed					OE	NC	NC		No
2008	Multiple	1404_08	From Hickory Creek confluence upstream to the headwaters at Max Starcke Dam					OE	NC	NC		No



## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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**Segment ID:** 1404      **Lake Travis**

**Water body type:** Reservoir

**Water body size:** 18,929 Acres

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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### Public Water Supply Use

#### **Finished Drinking Water MCLs and Toxic Substances running average**

2008	Multiple	1404_01	From Mansfield Dam upstream to the confluence with Big Sandy Creek Arm					OE	FS	FS		No
2008	Multiple	1404_02	Big Sandy Creek Arm					OE	FS	FS		No
2008	Multiple	1404_03	Arkansas Bend area, from Sandy Creek Arm upstream to Hurst Creek Arm					OE	FS	FS		No
2008	Multiple	1404_04	Lakeway area, from Hurst Creek arm upstream to the confluence with Cow Creek					OE	FS	FS		No
2008	Multiple	1404_05	From the confluence with Cow Creek upstream to the confluence of the Pedernales River					OE	FS	FS		No
2008	Multiple	1404_06	From the confluence with the Pedernales River upstream to Muleshoe Bend					OE	FS	FS		No
2008	Multiple	1404_07	From Muleshoe Bend upstream to the confluence with Hickory Creed					OE	FS	FS		No
2008	Multiple	1404_08	From Hickory Creek confluence upstream to the headwaters at Max Starcke Dam					OE	FS	FS		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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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- Superseded by another method;  
 JQ- Assessor Judgement; OE- Other Information Evaluated; OS- Out-of-State; AU ID - Assessment Unit ID \*Note: Carry-forward refers to impairments without sufficient information in 2008 to re-evaluate the level of support.

**Segment ID:** 1404      **Lake Travis**

**Water body type:** Reservoir

**Water body size:** 18,929 Acres

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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### Public Water Supply Use

#### **Finished Drinking Water MCLs Concern**

2008	Multiple	1404_01	From Mansfield Dam upstream to the confluence with Big Sandy Creek Arm					OE	NC	NC		No
2008	Multiple	1404_02	Big Sandy Creek Arm					OE	NC	NC		No
2008	Multiple	1404_03	Arkansas Bend area, from Sandy Creek Arm upstream to Hurst Creek Arm					OE	NC	NC		No
2008	Multiple	1404_04	Lakeway area, from Hurst Creek arm upstream to the confluence with Cow Creek					OE	NC	NC		No
2008	Multiple	1404_05	From the confluence with Cow Creek upstream to the confluence of the Pedernales River					OE	NC	NC		No
2008	Multiple	1404_06	From the confluence with the Pedernales River upstream to Muleshoe Bend					OE	NC	NC		No
2008	Multiple	1404_07	From Muleshoe Bend upstream to the confluence with Hickory Creed					OE	NC	NC		No
2008	Multiple	1404_08	From Hickory Creek confluence upstream to the headwaters at Max Starcke Dam					OE	NC	NC		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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**Segment ID:** 1404      **Lake Travis**

**Water body type:** Reservoir

**Water body size:** 18,929 Acres

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2008	E. coli	1404_01	From Mansfield Dam upstream to the confluence with Big Sandy Creek Arm	41	41	0	1.76	126.00	AD	FS	FS	No
2008	E. coli	1404_02	Big Sandy Creek Arm	40	40	0	1.38	126.00	AD	FS	FS	No
2008	E. coli	1404_03	Arkansas Bend area, from Sandy Creek Arm upstream to Hurst Creek Arm	38	38	0	0.92	126.00	AD	FS	FS	No
2008	E. coli	1404_05	From the confluence with Cow Creek upstream to the confluence of the Pedernales River	39	39	0	1.32	126.00	AD	FS	FS	No
2008	E. coli	1404_06	From the confluence with the Pedernales River upstream to Muleshoe Bend	0	0			126.00	ID	NA	NA	No
2008	E. coli	1404_07	From Muleshoe Bend upstream to the confluence with Hickory Creed	39	39	0	1.67	126.00	AD	FS	FS	No
2008	E. coli	1404_08	From Hickory Creek confluence upstream to the headwaters at Max Starcke Dam	36	36	0	8.57	126.00	AD	FS	FS	No
2008	Fecal coliform	1404_01	From Mansfield Dam upstream to the confluence with Big Sandy Creek Arm	11	11	0	1.57	200.00	SM	FS	FS	No
2008	Fecal coliform	1404_02	Big Sandy Creek Arm	11	11	0	1.29	200.00	SM	FS	FS	No
2008	Fecal coliform	1404_03	Arkansas Bend area, from Sandy Creek Arm upstream to Hurst Creek Arm	11	11	0	1.02	200.00	SM	FS	FS	No
2008	Fecal coliform	1404_05	From the confluence with Cow Creek upstream to the confluence of the Pedernales River	11	11	0	0.90	200.00	SM	FS	FS	No
2008	Fecal coliform	1404_06	From the confluence with the Pedernales River upstream to Muleshoe Bend	0	0			200.00	ID	NA	NA	No
2008	Fecal coliform	1404_07	From Muleshoe Bend upstream to the confluence with Hickory Creed	11	11	0	2.05	200.00	SM	FS	FS	No
2008	Fecal coliform	1404_08	From Hickory Creek confluence upstream to the headwaters at Max Starcke Dam	11	11	0	10.47	200.00	SM	FS	FS	No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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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:** 1404      **Lake Travis**

**Water body type:** Reservoir

**Water body size:** 18,929 Acres

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Recreation Use</b>												
<b>Bacteria Single Sample</b>												
2008	E. coli	1404_01	From Mansfield Dam upstream to the confluence with Big Sandy Creek Arm	41	41	0	394.00	AD	FS	FS		No
2008	E. coli	1404_02	Big Sandy Creek Arm	40	40	0	394.00	AD	FS	FS		No
2008	E. coli	1404_03	Arkansas Bend area, from Sandy Creek Arm upstream to Hurst Creek Arm	38	38	0	394.00	AD	FS	FS		No
2008	E. coli	1404_05	From the confluence with Cow Creek upstream to the confluence of the Pedernales River	39	39	0	394.00	AD	FS	FS		No
2008	E. coli	1404_06	From the confluence with the Pedernales River upstream to Muleshoe Bend	0	0		394.00	ID	NA	NA		No
2008	E. coli	1404_07	From Muleshoe Bend upstream to the confluence with Hickory Creed	39	39	0	394.00	AD	FS	FS		No
2008	E. coli	1404_08	From Hickory Creek confluence upstream to the headwaters at Max Starcke Dam	36	36	0	394.00	AD	FS	FS		No
2008	Fecal coliform	1404_01	From Mansfield Dam upstream to the confluence with Big Sandy Creek Arm	11	11	0	400.00	SM	FS	FS		No
2008	Fecal coliform	1404_02	Big Sandy Creek Arm	11	11	0	400.00	SM	FS	FS		No
2008	Fecal coliform	1404_03	Arkansas Bend area, from Sandy Creek Arm upstream to Hurst Creek Arm	11	11	0	400.00	SM	FS	FS		No
2008	Fecal coliform	1404_05	From the confluence with Cow Creek upstream to the confluence of the Pedernales River	11	11	0	400.00	SM	FS	FS		No
2008	Fecal coliform	1404_06	From the confluence with the Pedernales River upstream to Muleshoe Bend	0	0		400.00	ID	NA	NA		No
2008	Fecal coliform	1404_07	From Muleshoe Bend upstream to the confluence with Hickory Creed	11	11	0	400.00	SM	FS	FS		No
2008	Fecal coliform	1404_08	From Hickory Creek confluence upstream to the headwaters at Max Starcke Dam	11	11	1	400.00	SM	FS	FS		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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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:** 1404A **Hamilton Creek (unclassified water body)**

**Water body type:** Freshwater Stream

**Water body size:** 23 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Aquatic Life Use</b>												
<b>Dissolved Oxygen grab minimum</b>												
2006	Dissolved Oxygen Grab	1404A_03 From the confluence of Haynie Branch upstream to CR 110	13	13	0		2.00	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	1404A_03 From the confluence of Haynie Branch upstream to CR 110	13	13	1		3.00	AD	NC	NC		No
<b>Toxic Substances in sediment</b>												
2006	Metals	1404A_03 From the confluence of Haynie Branch upstream to CR 110	3	3	0			ID	NA	NA		No
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2006	Ammonia	1404A_03 From the confluence of Haynie Branch upstream to CR 110	17	17	0		0.33	AD	NC	NC		No
2006	Chlorophyll-a	1404A_03 From the confluence of Haynie Branch upstream to CR 110	16	16	1		14.10	AD	NC	NC		No
2006	Nitrate	1404A_03 From the confluence of Haynie Branch upstream to CR 110	17	17	0		1.95	AD	NC	NC		No
2006	Orthophosphorus	1404A_03 From the confluence of Haynie Branch upstream to CR 110	17	17	0		0.37	AD	NC	NC		No
2006	Total Phosphorus	1404A_03 From the confluence of Haynie Branch upstream to CR 110	17	17	0		0.69	AD	NC	NC		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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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- Superseded by another method;  
 JQ- Assessor Judgement; OE- Other Information Evaluated; OS- Out-of-State; AU ID - Assessment Unit ID \*Note: Carry-forward refers to impairments without sufficient information in 2008 to re-evaluate the level of support.

**Segment ID:** 1404A **Hamilton Creek (unclassified water body)**

**Water body type:** Freshwater Stream

**Water body size:** 23 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry- Forward</u>
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2006	E. coli	1404A_03	From the confluence of Haynie Branch upstream to CR 110	11	11		36.00	126.00	AD	FS	FS	No
2006	Fecal coliform	1404A_03	From the confluence of Haynie Branch upstream to CR 110	6	6		121.00	200.00	SM	NC	NC	No
<b>Bacteria Single Sample</b>												
2006	E. coli	1404A_03	From the confluence of Haynie Branch upstream to CR 110	11	11	1		394.00	AD	FS	FS	No
2006	Fecal coliform	1404A_03	From the confluence of Haynie Branch upstream to CR 110	6	6	2		400.00	SM	NC	NC	No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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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;  
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**Segment ID:** 1404B **Cow Creek (unclassified water body)**

**Water body type:** Freshwater Stream

**Water body size:** 19 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Aquatic Life Use</b>												
<b>Dissolved Oxygen grab minimum</b>												
2006	Dissolved Oxygen Grab	1404B_01 Entire water body	16	16	0		2.00	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	1404B_01 Entire water body	16	16	0		3.00	AD	NC	NC		No
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2006	Ammonia	1404B_01 Entire water body	17	17	0		0.33	AD	NC	NC		No
2006	Chlorophyll-a	1404B_01 Entire water body	17	17	0		14.10	AD	NC	NC		No
2006	Nitrate	1404B_01 Entire water body	17	17	0		1.95	AD	NC	NC		No
2006	Orthophosphorus	1404B_01 Entire water body	17	17	0		0.37	AD	NC	NC		No
2006	Total Phosphorus	1404B_01 Entire water body	17	17	0		0.69	AD	NC	NC		No
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2006	E. coli	1404B_01 Entire water body	11	11		44.00	126.00	AD	FS	FS		No
2006	Fecal coliform	1404B_01 Entire water body	7	7		19.00	200.00	SM	NC	NC		No
<b>Bacteria Single Sample</b>												
2006	E. coli	1404B_01 Entire water body	11	11	0		394.00	AD	FS	FS		No
2006	Fecal coliform	1404B_01 Entire water body	7	7	1		400.00	SM	NC	NC		No

2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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Segment ID: 1404C Long Hollow Creek (unclassified water body)

Water body type: Freshwater Stream Water body size: 3 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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Aquatic Life Use

Dissolved Oxygen grab minimum

2006	Dissolved Oxygen Grab	1404C_01	Entire water body	1	1	0	1.50	ID	NA	NA		No
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Dissolved Oxygen grab screening level

2006	Dissolved Oxygen Grab	1404C_01	Entire water body	1	1	0	2.00	ID	NA	NA		No
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2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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Segment ID: 1404D Lick Creek (unclassified water body)

Water body type: Freshwater Stream Water body size: 5 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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Aquatic Life Use

Dissolved Oxygen grab minimum

2006	Dissolved Oxygen Grab	1404D_01	Entire segment	23	23	0	3.00	AD	FS	FS		No
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Dissolved Oxygen grab screening level

2006	Dissolved Oxygen Grab	1404D_01	Entire segment	23	23	2	5.00	AD	NC	NC		No
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2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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Segment ID: 1404E Hicks Hollow Creek (unclassified water body)

Water body type: Freshwater Stream Water body size: 3 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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Aquatic Life Use

Dissolved Oxygen grab minimum

2006	Dissolved Oxygen Grab	1404E_01	Entire water body	14	14	0	3.00	AD	FS	FS		No
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Dissolved Oxygen grab screening level

2006	Dissolved Oxygen Grab	1404E_01	Entire water body	14	14	1	5.00	AD	NC	NC		No
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## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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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: 1405 Marble Falls Lake**

**Water body type:** Reservoir

**Water body size:** 780 Acres

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Aquatic Life Use</b>												
<b>Dissolved Oxygen grab minimum</b>												
2008	Dissolved Oxygen Grab	1405_01	From Max Starcke Dam to Varnhagen Creek confluence	350	42	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	1405_02	From Varnhagen Creek confluence upstream to Alvin Wirtz Dam	46	42	0	3.00	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2008	Dissolved Oxygen Grab	1405_01	From Max Starcke Dam to Varnhagen Creek confluence	350	42	1	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	1405_02	From Varnhagen Creek confluence upstream to Alvin Wirtz Dam	46	42	4	5.00	AD	NC	NC		No
<b>Toxic Substances in sediment</b>												
2008	Metals	1405_01	From Max Starcke Dam to Varnhagen Creek confluence	4	4	0		LD	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.

**Segment ID:** 1405 **Marble Falls Lake**

**Water body type:** Reservoir

**Water body size:** 780 Acres

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>General Use</b>												
<b>Dissolved Solids</b>												
2008	Chloride	1405_01	From Max Starcke Dam to Varnhagen Creek confluence	84	84	43.07	125.00	AD	FS	FS		No
2008	Chloride	1405_02	From Varnhagen Creek confluence upstream to Alvin Wirtz Dam	84	84	43.07	125.00	AD	FS	FS		No
2008	Sulfate	1405_01	From Max Starcke Dam to Varnhagen Creek confluence	84	84	25.10	75.00	AD	FS	FS		No
2008	Sulfate	1405_02	From Varnhagen Creek confluence upstream to Alvin Wirtz Dam	84	84	25.10	75.00	AD	FS	FS		No
2008	Total Dissolved Solids	1405_01	From Max Starcke Dam to Varnhagen Creek confluence	84	84	282.38	500.00	AD	FS	FS		No
2008	Total Dissolved Solids	1405_02	From Varnhagen Creek confluence upstream to Alvin Wirtz Dam	84	84	282.38	500.00	AD	FS	FS		No
<b>High pH</b>												
2008	pH	1405_01	From Max Starcke Dam to Varnhagen Creek confluence	350	42	0	9.00	AD	FS	FS		No
2008	pH	1405_02	From Varnhagen Creek confluence upstream to Alvin Wirtz Dam	46	42	0	9.00	AD	FS	FS		No
<b>Low pH</b>												
2008	pH	1405_01	From Max Starcke Dam to Varnhagen Creek confluence	350	42	0	6.50	AD	FS	FS		No
2008	pH	1405_02	From Varnhagen Creek confluence upstream to Alvin Wirtz Dam	46	42	0	6.50	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- Inadequate Data; LD- Limited Data; TR- Not Temporally Representative; SR- Not Spatially Representative; SM- Superseded by another method;  
 JQ- Assessor Judgement; OE- Other Information Evaluated; OS- Out-of-State; AU ID - Assessment Unit ID \*Note: Carry-forward refers to impairments without sufficient information in 2008 to re-evaluate the level of support.

**Segment ID: 1405 Marble Falls Lake**

**Water body type:** Reservoir

**Water body size:** 780 Acres

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry- Forward</u>
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2008	Ammonia	1405_01	From Max Starcke Dam to Varnhagen Creek confluence	41	41	1	0.11	AD	NC	NC		No
2008	Ammonia	1405_02	From Varnhagen Creek confluence upstream to Alvin Wirtz Dam	39	39	0	0.11	AD	NC	NC		No
2008	Chlorophyll-a	1405_01	From Max Starcke Dam to Varnhagen Creek confluence	41	41	0	26.70	AD	NC	NC		No
2008	Chlorophyll-a	1405_02	From Varnhagen Creek confluence upstream to Alvin Wirtz Dam	41	41	0	26.70	AD	NC	NC		No
2008	Nitrate	1405_01	From Max Starcke Dam to Varnhagen Creek confluence	42	42	5	0.37	AD	NC	NC		No
2008	Nitrate	1405_02	From Varnhagen Creek confluence upstream to Alvin Wirtz Dam	41	41	5	0.37	AD	NC	NC		No
2008	Orthophosphorus	1405_01	From Max Starcke Dam to Varnhagen Creek confluence	39	39	0	0.05	AD	NC	NC		No
2008	Orthophosphorus	1405_02	From Varnhagen Creek confluence upstream to Alvin Wirtz Dam	38	38	0	0.05	AD	NC	NC		No
2008	Total Phosphorus	1405_01	From Max Starcke Dam to Varnhagen Creek confluence	39	39	0	0.20	AD	NC	NC		No
2008	Total Phosphorus	1405_02	From Varnhagen Creek confluence upstream to Alvin Wirtz Dam	39	39	0	0.20	AD	NC	NC		No
<b>Water Temperature</b>												
2008	Temperature	1405_01	From Max Starcke Dam to Varnhagen Creek confluence	350	42	0	34.40	AD	FS	FS		No
2008	Temperature	1405_02	From Varnhagen Creek confluence upstream to Alvin Wirtz Dam	46	42	0	34.40	AD	FS	FS		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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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- Superseded by another method;  
 JQ- Assessor Judgement; OE- Other Information Evaluated; OS- Out-of-State; AU ID - Assessment Unit ID \*Note: Carry-forward refers to impairments without sufficient information in 2008 to re-evaluate the level of support.

**Segment ID:** 1405 **Marble Falls Lake**

**Water body type:** Reservoir

**Water body size:** 780 Acres

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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### Public Water Supply Use

#### **Finished Drinking Water Dissolved Solids average**

2008	Multiple	1405_01	From Max Starcke Dam to Varnhagen Creek confluence					OE	NC	NC		No
2008	Multiple	1405_02	From Varnhagen Creek confluence upstream to Alvin Wirtz Dam					OE	NC	NC		No

#### **Finished Drinking Water MCLs and Toxic Substances running average**

2008	Multiple	1405_01	From Max Starcke Dam to Varnhagen Creek confluence					OE	FS	FS		No
2008	Multiple	1405_02	From Varnhagen Creek confluence upstream to Alvin Wirtz Dam					OE	FS	FS		No

#### **Finished Drinking Water MCLs Concern**

2008	Multiple	1405_01	From Max Starcke Dam to Varnhagen Creek confluence					OE	NC	NC		No
2008	Multiple	1405_02	From Varnhagen Creek confluence upstream to Alvin Wirtz Dam					OE	NC	NC		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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**Segment ID:** 1405 **Marble Falls Lake**

**Water body type:** Reservoir

**Water body size:** 780 Acres

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2008	E. coli	1405_01	From Max Starcke Dam to Varnhagen Creek confluence	41	41	0	2.22	126.00	AD	FS	FS	No
2008	E. coli	1405_02	From Varnhagen Creek confluence upstream to Alvin Wirtz Dam	42	42	0	23.44	126.00	AD	FS	FS	No
2008	Fecal coliform	1405_01	From Max Starcke Dam to Varnhagen Creek confluence	11	11	0	3.34	200.00	SM	FS	FS	No
2008	Fecal coliform	1405_02	From Varnhagen Creek confluence upstream to Alvin Wirtz Dam	11	11	0	48.04	200.00	SM	FS	FS	No
<b>Bacteria Single Sample</b>												
2008	E. coli	1405_01	From Max Starcke Dam to Varnhagen Creek confluence	41	41	0		394.00	AD	FS	FS	No
2008	E. coli	1405_02	From Varnhagen Creek confluence upstream to Alvin Wirtz Dam	42	42	2		394.00	AD	FS	FS	No
2008	Fecal coliform	1405_01	From Max Starcke Dam to Varnhagen Creek confluence	11	11	1		400.00	SM	FS	FS	No
2008	Fecal coliform	1405_02	From Varnhagen Creek confluence upstream to Alvin Wirtz Dam	11	11	0		400.00	SM	FS	FS	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: 1406 Lake Lyndon B. Johnson**

**Water body type:** Reservoir

**Water body size:** 6,375 Acres

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Aquatic Life Use</b>												
<b>Dissolved Oxygen grab minimum</b>												
2008	Dissolved Oxygen Grab	1406_01	From Alvin Wirtz Dam upstream to Granite Shoals	406	41	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	1406_02	Mid-lake from Granite Shoals upstream to Highland Haven	367	54	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	1406_03	From Granite Shoals upstream to the Llano River confluence	257	41	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	1406_04	Llano River arm	116	41	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	1406_05	From the confluence with the Llano River arm upstream to a point north of Kingsland near Pair Lane	194	41	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	1406_06	From a point near Pair Lane in Kingsland upstream to Roy Inks Dam	46	38	4	3.00	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2008	Dissolved Oxygen Grab	1406_01	From Alvin Wirtz Dam upstream to Granite Shoals	406	41	9	5.00	AD	CS	CS		No
2008	Dissolved Oxygen Grab	1406_02	Mid-lake from Granite Shoals upstream to Highland Haven	367	54	0	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	1406_03	From Granite Shoals upstream to the Llano River confluence	257	41	0	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	1406_04	Llano River arm	116	41	0	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	1406_05	From the confluence with the Llano River arm upstream to a point north of Kingsland near Pair Lane	194	41	0	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	1406_06	From a point near Pair Lane in Kingsland upstream to Roy Inks Dam	46	38	8	5.00	AD	CS	CS		No
<b>Toxic Substances in sediment</b>												
2008	Metals	1406_01	From Alvin Wirtz Dam upstream to Granite Shoals	3	3			ID	NA	NA		No



2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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Segment ID: 1406 Lake Lyndon B. Johnson

Water body type: Reservoir Water body size: 6,375 Acres

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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General Use

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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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:** 1406      **Lake Lyndon B. Johnson**

**Water body type:** Reservoir

**Water body size:** 6,375 Acres

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>General Use</b>												
<b>Dissolved Solids</b>												
2008	Chloride	1406_01	From Alvin Wirtz Dam upstream to Granite Shoals	168	168	45.47	125.00	AD	FS	FS		No
2008	Chloride	1406_02	Mid-lake from Granite Shoals upstream to Highland Haven	168	168	45.47	125.00	AD	FS	FS		No
2008	Chloride	1406_03	From Granite Shoals upstream to the Llano River confluence	168	168	45.47	125.00	AD	FS	FS		No
2008	Chloride	1406_04	Llano River arm	168	168	45.47	125.00	AD	FS	FS		No
2008	Chloride	1406_05	From the confluence with the Llano River arm upstream to a point north of Kingsland near Pair Lane	168	168	45.47	125.00	AD	FS	FS		No
2008	Chloride	1406_06	From a point near Pair Lane in Kingsland upstream to Roy Inks Dam	168	168	45.47	125.00	AD	FS	FS		No
2008	Sulfate	1406_01	From Alvin Wirtz Dam upstream to Granite Shoals	168	168	27.22	75.00	AD	FS	FS		No
2008	Sulfate	1406_02	Mid-lake from Granite Shoals upstream to Highland Haven	168	168	27.22	75.00	AD	FS	FS		No
2008	Sulfate	1406_03	From Granite Shoals upstream to the Llano River confluence	168	168	27.22	75.00	AD	FS	FS		No
2008	Sulfate	1406_04	Llano River arm	168	168	27.22	75.00	AD	FS	FS		No
2008	Sulfate	1406_05	From the confluence with the Llano River arm upstream to a point north of Kingsland near Pair Lane	168	168	27.22	75.00	AD	FS	FS		No
2008	Sulfate	1406_06	From a point near Pair Lane in Kingsland upstream to Roy Inks Dam	168	168	27.22	75.00	AD	FS	FS		No
2008	Total Dissolved Solids	1406_01	From Alvin Wirtz Dam upstream to Granite Shoals	257	257	287.55	500.00	AD	FS	FS		No
2008	Total Dissolved Solids	1406_02	Mid-lake from Granite Shoals upstream to Highland Haven	257	257	287.55	500.00	AD	FS	FS		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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**Segment ID: 1406 Lake Lyndon B. Johnson**

**Water body type:** Reservoir

**Water body size:** 6,375 Acres

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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### General Use

#### Dissolved Solids

2008	Total Dissolved Solids	1406_03	From Granite Shoals upstream to the Llano River confluence	257	257		287.55	500.00	AD	FS	FS	No
2008	Total Dissolved Solids	1406_04	Llano River arm	257	257		287.55	500.00	AD	FS	FS	No
2008	Total Dissolved Solids	1406_05	From the confluence with the Llano River arm upstream to a point north of Kingsland near Pair Lane	257	257		287.55	500.00	AD	FS	FS	No
2008	Total Dissolved Solids	1406_06	From a point near Pair Lane in Kingsland upstream to Roy Inks Dam	257	257		287.55	500.00	AD	FS	FS	No

#### High pH

2008	pH	1406_01	From Alvin Wirtz Dam upstream to Granite Shoals	428	42	0		9.00	AD	FS	FS	No
2008	pH	1406_02	Mid-lake from Granite Shoals upstream to Highland Haven	368	42	0		9.00	AD	FS	FS	No
2008	pH	1406_03	From Granite Shoals upstream to the Llano River confluence	268	42	0		9.00	AD	FS	FS	No
2008	pH	1406_04	Llano River arm	121	42	0		9.00	AD	FS	FS	No
2008	pH	1406_05	From the confluence with the Llano River arm upstream to a point north of Kingsland near Pair Lane	204	42	0		9.00	AD	FS	FS	No
2008	pH	1406_06	From a point near Pair Lane in Kingsland upstream to Roy Inks Dam	47	39	0		9.00	AD	FS	FS	No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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**Segment ID:** 1406      **Lake Lyndon B. Johnson**

**Water body type:** Reservoir

**Water body size:** 6,375 Acres

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry- Forward</u>
<b>General Use</b>												
<b>Low pH</b>												
2008	pH	1406_01	From Alvin Wirtz Dam upstream to Granite Shoals	428	42	0	6.50	AD	FS	FS		No
2008	pH	1406_02	Mid-lake from Granite Shoals upstream to Highland Haven	368	42	0	6.50	AD	FS	FS		No
2008	pH	1406_03	From Granite Shoals upstream to the Llano River confluence	268	42	0	6.50	AD	FS	FS		No
2008	pH	1406_04	Llano River arm	121	42	0	6.50	AD	FS	FS		No
2008	pH	1406_05	From the confluence with the Llano River arm upstream to a point north of Kingsland near Pair Lane	204	42	0	6.50	AD	FS	FS		No
2008	pH	1406_06	From a point near Pair Lane in Kingsland upstream to Roy Inks Dam	47	39	0	6.50	AD	FS	FS		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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**Segment ID: 1406 Lake Lyndon B. Johnson**

**Water body type:** Reservoir

**Water body size:** 6,375 Acres

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2008	Ammonia	1406_01	From Alvin Wirtz Dam upstream to Granite Shoals	39	39	2	0.11	AD	NC	NC		No
2008	Ammonia	1406_02	Mid-lake from Granite Shoals upstream to Highland Haven	40	40	0	0.11	AD	NC	NC		No
2008	Ammonia	1406_03	From Granite Shoals upstream to the Llano River confluence	42	42	1	0.11	AD	NC	NC		No
2008	Ammonia	1406_06	From a point near Pair Lane in Kingsland upstream to Roy Inks Dam	39	39	0	0.11	AD	NC	NC		No
2008	Chlorophyll-a	1406_01	From Alvin Wirtz Dam upstream to Granite Shoals	41	41	0	26.70	AD	NC	NC		No
2008	Chlorophyll-a	1406_02	Mid-lake from Granite Shoals upstream to Highland Haven	41	41	1	26.70	AD	NC	NC		No
2008	Chlorophyll-a	1406_03	From Granite Shoals upstream to the Llano River confluence	41	41	4	26.70	AD	NC	NC		No
2008	Chlorophyll-a	1406_06	From a point near Pair Lane in Kingsland upstream to Roy Inks Dam	41	41	2	26.70	AD	NC	NC		No
2008	Nitrate	1406_01	From Alvin Wirtz Dam upstream to Granite Shoals	42	42	4	0.37	AD	NC	NC		No
2008	Nitrate	1406_02	Mid-lake from Granite Shoals upstream to Highland Haven	42	42	5	0.37	AD	NC	NC		No
2008	Nitrate	1406_03	From Granite Shoals upstream to the Llano River confluence	43	43	4	0.37	AD	NC	NC		No
2008	Nitrate	1406_06	From a point near Pair Lane in Kingsland upstream to Roy Inks Dam	40	40	1	0.37	AD	NC	NC		No
2008	Orthophosphorus	1406_01	From Alvin Wirtz Dam upstream to Granite Shoals	41	41	0	0.05	AD	NC	NC		No
2008	Orthophosphorus	1406_02	Mid-lake from Granite Shoals upstream to Highland Haven	39	39	0	0.05	AD	NC	NC		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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**Segment ID: 1406 Lake Lyndon B. Johnson**

**Water body type:** Reservoir

**Water body size:** 6,375 Acres

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2008	Orthophosphorus	1406_03	From Granite Shoals upstream to the Llano River confluence	41	41	0	0.05	AD	NC	NC		No
2008	Orthophosphorus	1406_06	From a point near Pair Lane in Kingsland upstream to Roy Inks Dam	40	40	0	0.05	AD	NC	NC		No
2008	Total Phosphorus	1406_01	From Alvin Wirtz Dam upstream to Granite Shoals	40	40	0	0.20	AD	NC	NC		No
2008	Total Phosphorus	1406_02	Mid-lake from Granite Shoals upstream to Highland Haven	40	40	1	0.20	AD	NC	NC		No
2008	Total Phosphorus	1406_03	From Granite Shoals upstream to the Llano River confluence	40	40	0	0.20	AD	NC	NC		No
2008	Total Phosphorus	1406_06	From a point near Pair Lane in Kingsland upstream to Roy Inks Dam	39	39	1	0.20	AD	NC	NC		No
<b>Water Temperature</b>												
2008	Temperature	1406_01	From Alvin Wirtz Dam upstream to Granite Shoals	428	42	0	34.40	AD	FS	FS		No
2008	Temperature	1406_02	Mid-lake from Granite Shoals upstream to Highland Haven	381	55	0	34.40	AD	FS	FS		No
2008	Temperature	1406_03	From Granite Shoals upstream to the Llano River confluence	268	42	0	34.40	AD	FS	FS		No
2008	Temperature	1406_04	Llano River arm	121	42	0	34.40	AD	FS	FS		No
2008	Temperature	1406_05	From the confluence with the Llano River arm upstream to a point north of Kingsland near Pair Lane	204	42	0	34.40	AD	FS	FS		No
2008	Temperature	1406_06	From a point near Pair Lane in Kingsland upstream to Roy Inks Dam	47	39	0	34.40	AD	FS	FS		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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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- Superseded by another method;  
 JQ- Assessor Judgement; OE- Other Information Evaluated; OS- Out-of-State; AU ID - Assessment Unit ID \*Note: Carry-forward refers to impairments without sufficient information in 2008 to re-evaluate the level of support.

**Segment ID:** 1406      **Lake Lyndon B. Johnson**

**Water body type:** Reservoir

**Water body size:** 6,375 Acres

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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### Public Water Supply Use

#### **Finished Drinking Water Dissolved Solids average**

2008	Multiple	1406_01	From Alvin Wirtz Dam upstream to Granite Shoals					OE	NC	NC		No
2008	Multiple	1406_02	Mid-lake from Granite Shoals upstream to Highland Haven					OE	NC	NC		No
2008	Multiple	1406_03	From Granite Shoals upstream to the Llano River confluence					OE	NC	NC		No
2008	Multiple	1406_04	Llano River arm					OE	NC	NC		No
2008	Multiple	1406_05	From the confluence with the Llano River arm upstream to a point north of Kingsland near Pair Lane					OE	NC	NC		No
2008	Multiple	1406_06	From a point near Pair Lane in Kingsland upstream to Roy Inks Dam					OE	NC	NC		No

#### **Finished Drinking Water MCLs and Toxic Substances running average**

2008	Multiple	1406_01	From Alvin Wirtz Dam upstream to Granite Shoals					OE	FS	FS		No
2008	Multiple	1406_02	Mid-lake from Granite Shoals upstream to Highland Haven					OE	FS	FS		No
2008	Multiple	1406_03	From Granite Shoals upstream to the Llano River confluence					OE	FS	FS		No
2008	Multiple	1406_04	Llano River arm					OE	FS	FS		No
2008	Multiple	1406_05	From the confluence with the Llano River arm upstream to a point north of Kingsland near Pair Lane					OE	FS	FS		No
2008	Multiple	1406_06	From a point near Pair Lane in Kingsland upstream to Roy Inks Dam					OE	FS	FS		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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**Segment ID:** 1406      **Lake Lyndon B. Johnson**

**Water body type:** Reservoir

**Water body size:** 6,375 Acres

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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### Public Water Supply Use

#### **Finished Drinking Water MCLs Concern**

2008	Multiple	1406_01	From Alvin Wirtz Dam upstream to Granite Shoals					OE	NC	NC		No
2008	Multiple	1406_02	Mid-lake from Granite Shoals upstream to Highland Haven					OE	NC	NC		No
2008	Multiple	1406_03	From Granite Shoals upstream to the Llano River confluence					OE	NC	NC		No
2008	Multiple	1406_04	Llano River arm					OE	NC	NC		No
2008	Multiple	1406_05	From the confluence with the Llano River arm upstream to a point north of Kingsland near Pair Lane					OE	NC	NC		No
2008	Multiple	1406_06	From a point near Pair Lane in Kingsland upstream to Roy Inks Dam					OE	NC	NC		No



## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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**Segment ID:** 1406      **Lake Lyndon B. Johnson**

**Water body type:** Reservoir

**Water body size:** 6,375 Acres

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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### Recreation Use

#### **Bacteria Geomean**

2008	E. coli	1406_01	From Alvin Wirtz Dam upstream to Granite Shoals	40	40	0	1.76	126.00	AD	FS	FS	No
2008	E. coli	1406_02	Mid-lake from Granite Shoals upstream to Highland Haven	39	39	0	2.47	126.00	AD	FS	FS	No
2008	E. coli	1406_03	From Granite Shoals upstream to the Llano River confluence	42	42	0	5.29	126.00	AD	FS	FS	No
2008	E. coli	1406_06	From a point near Pair Lane in Kingsland upstream to Roy Inks Dam	42	42	0	15.63	126.00	AD	FS	FS	No
2008	Fecal coliform	1406_01	From Alvin Wirtz Dam upstream to Granite Shoals	11	11	0	3.21	200.00	AD	FS	FS	No
2008	Fecal coliform	1406_02	Mid-lake from Granite Shoals upstream to Highland Haven	11	11	0	3.43	200.00	AD	FS	FS	No
2008	Fecal coliform	1406_03	From Granite Shoals upstream to the Llano River confluence	11	11	0	4.30	200.00	AD	FS	FS	No
2008	Fecal coliform	1406_06	From a point near Pair Lane in Kingsland upstream to Roy Inks Dam	11	11	0	20.21	200.00	AD	FS	FS	No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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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:** 1406      **Lake Lyndon B. Johnson**

**Water body type:** Reservoir

**Water body size:** 6,375 Acres

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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### Recreation Use

#### **Bacteria Single Sample**

2008	E. coli	1406_01	From Alvin Wirtz Dam upstream to Granite Shoals	40	40	0	394.00	AD	FS	FS		No
2008	E. coli	1406_02	Mid-lake from Granite Shoals upstream to Highland Haven	39	39	0	394.00	AD	FS	FS		No
2008	E. coli	1406_03	From Granite Shoals upstream to the Llano River confluence	42	42	2	394.00	AD	FS	FS		No
2008	E. coli	1406_06	From a point near Pair Lane in Kingsland upstream to Roy Inks Dam	42	42	1	394.00	AD	FS	FS		No
2008	Fecal coliform	1406_01	From Alvin Wirtz Dam upstream to Granite Shoals	11	11	0	400.00	AD	FS	FS		No
2008	Fecal coliform	1406_02	Mid-lake from Granite Shoals upstream to Highland Haven	11	11	0	400.00	AD	FS	FS		No
2008	Fecal coliform	1406_03	From Granite Shoals upstream to the Llano River confluence	11	11	0	400.00	AD	FS	FS		No
2008	Fecal coliform	1406_06	From a point near Pair Lane in Kingsland upstream to Roy Inks Dam	11	11	0	400.00	AD	FS	FS		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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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: 1406A Sandy Creek (unclassified water body)**

**Water body type:** Freshwater Stream

**Water body size:** 40 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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### Aquatic Life Use

#### Dissolved Oxygen 24hr average

2006	Dissolved Oxygen 24hr Avg	1406A_01	From the confluence with Lake LBJ upstream to SH 16	2	2	0	2.00	ID	NA	NA		No
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#### Dissolved Oxygen 24hr minimum

2006	Dissolved Oxygen 24hr Min	1406A_01	From the confluence with Lake LBJ upstream to SH 16	2	2	0	1.50	ID	NA	NA		No
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#### Dissolved Oxygen grab minimum

2006	Dissolved Oxygen Grab	1406A_01	From the confluence with Lake LBJ upstream to SH 16	25	25	0	1.50	AD	FS	FS		No
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#### Dissolved Oxygen grab screening level

2006	Dissolved Oxygen Grab	1406A_01	From the confluence with Lake LBJ upstream to SH 16	25	25	0	2.00	AD	NC	NC		No
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### General Use

#### Nutrient Screening Levels

2006	Ammonia	1406A_01	From the confluence with Lake LBJ upstream to SH 16	31	31	0	0.33	AD	NC	NC		No
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2006	Chlorophyll-a	1406A_01	From the confluence with Lake LBJ upstream to SH 16	27	27	1	14.10	AD	NC	NC		No
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2006	Nitrate	1406A_01	From the confluence with Lake LBJ upstream to SH 16	30	30	0	1.95	AD	NC	NC		No
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2006	Orthophosphorus	1406A_01	From the confluence with Lake LBJ upstream to SH 16	25	25	0	0.37	AD	NC	NC		No
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2006	Total Phosphorus	1406A_01	From the confluence with Lake LBJ upstream to SH 16	26	26	1	0.69	AD	NC	NC		No
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## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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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- Superseded by another method;  
 JQ- Assessor Judgement; OE- Other Information Evaluated; OS- Out-of-State; AU ID - Assessment Unit ID \*Note: Carry-forward refers to impairments without sufficient information in 2008 to re-evaluate the level of support.

**Segment ID:** 1406A      **Sandy Creek (unclassified water body)**

**Water body type:** Freshwater Stream

**Water body size:** 40 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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### Recreation Use

#### **Bacteria Geomean**

2006	E. coli	1406A_01	From the confluence with Lake LBJ upstream to SH 16	28	28		62.00	126.00	AD	FS	FS	No
2006	Fecal coliform	1406A_01	From the confluence with Lake LBJ upstream to SH 16	12	12		30.00	200.00	SM	FS	FS	No

#### **Bacteria Single Sample**

2006	E. coli	1406A_01	From the confluence with Lake LBJ upstream to SH 16	28	28	6		394.00	AD	FS	FS	No
2006	Fecal coliform	1406A_01	From the confluence with Lake LBJ upstream to SH 16	12	12	0		400.00	SM	FS	FS	No

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**Segment ID:** 1407      **Inks Lake**

**Water body type:** Reservoir

**Water body size:** 803 Acres

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Aquatic Life Use</b>												
<b>Dissolved Oxygen grab minimum</b>												
2008	Dissolved Oxygen Grab	1407_01	From Roy Inks Dam upstream to the Clear Creek Arm	347	42	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	1407_02	From Clear Creel Arm upstream to Buchanan Dam	55	42	5	3.00	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2008	Dissolved Oxygen Grab	1407_01	From Roy Inks Dam upstream to the Clear Creek Arm	347	42	2	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	1407_02	From Clear Creel Arm upstream to Buchanan Dam	55	42	12	5.00	AD	CS	CS		No
<b>Toxic Substances in sediment</b>												
2008	Manganese	1407_01	From Roy Inks Dam upstream to the Clear Creek Arm	4	4	3	1,100.00	LD	CS	CS		No
2008	Metals	1407_01	From Roy Inks Dam upstream to the Clear Creek Arm	4	4	0		LD	NA	NA		No

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**Segment ID:** 1407      **Inks Lake**

**Water body type:** Reservoir

**Water body size:** 803 Acres

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>General Use</b>												
<b>Dissolved Solids</b>												
2008	Chloride	1407_01	From Roy Inks Dam upstream to the Clear Creek Arm	84	84		56.25	150.00	AD	FS	FS	No
2008	Chloride	1407_02	From Clear Creel Arm upstream to Buchanan Dam	84	84		56.25	150.00	AD	FS	FS	No
2008	Sulfate	1407_01	From Roy Inks Dam upstream to the Clear Creek Arm	84	84		33.70	100.00	AD	FS	FS	No
2008	Sulfate	1407_02	From Clear Creel Arm upstream to Buchanan Dam	84	84		33.70	100.00	AD	FS	FS	No
2008	Total Dissolved Solids	1407_01	From Roy Inks Dam upstream to the Clear Creek Arm	84	84		310.80	600.00	AD	FS	FS	No
2008	Total Dissolved Solids	1407_02	From Clear Creel Arm upstream to Buchanan Dam	84	84		310.80	600.00	AD	FS	FS	No
<b>High pH</b>												
2008	pH	1407_01	From Roy Inks Dam upstream to the Clear Creek Arm	348	42	0		9.00	AD	FS	FS	No
2008	pH	1407_02	From Clear Creel Arm upstream to Buchanan Dam	55	42	0		9.00	AD	FS	FS	No
<b>Low pH</b>												
2008	pH	1407_01	From Roy Inks Dam upstream to the Clear Creek Arm	348	42	0		6.50	AD	FS	FS	No
2008	pH	1407_02	From Clear Creel Arm upstream to Buchanan Dam	55	42	0		6.50	AD	FS	FS	No

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**Segment ID: 1407 Inks Lake**

**Water body type:** Reservoir

**Water body size:** 803 Acres

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2008	Ammonia	1407_01	From Roy Inks Dam upstream to the Clear Creek Arm	40	40	1	0.11	AD	NC	NC		No
2008	Ammonia	1407_02	From Clear Creel Arm upstream to Buchanan Dam	40	40	4	0.11	AD	NC	NC		No
2008	Chlorophyll-a	1407_01	From Roy Inks Dam upstream to the Clear Creek Arm	41	41	4	26.70	AD	NC	NC		No
2008	Chlorophyll-a	1407_02	From Clear Creel Arm upstream to Buchanan Dam	41	41	5	26.70	AD	NC	NC		No
2008	Nitrate	1407_01	From Roy Inks Dam upstream to the Clear Creek Arm	42	42	0	0.37	AD	NC	NC		No
2008	Nitrate	1407_02	From Clear Creel Arm upstream to Buchanan Dam	41	41	4	0.37	AD	NC	NC		No
2008	Orthophosphorus	1407_01	From Roy Inks Dam upstream to the Clear Creek Arm	39	39	0	0.05	AD	NC	NC		No
2008	Orthophosphorus	1407_02	From Clear Creel Arm upstream to Buchanan Dam	38	38	0	0.05	AD	NC	NC		No
2008	Total Phosphorus	1407_01	From Roy Inks Dam upstream to the Clear Creek Arm	36	36	0	0.20	AD	NC	NC		No
2008	Total Phosphorus	1407_02	From Clear Creel Arm upstream to Buchanan Dam	38	38	1	0.20	AD	NC	NC		No
<b>Water Temperature</b>												
2008	Temperature	1407_01	From Roy Inks Dam upstream to the Clear Creek Arm	348	42	0	32.20	AD	FS	FS		No
2008	Temperature	1407_02	From Clear Creel Arm upstream to Buchanan Dam	55	42	0	32.20	AD	FS	FS		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:** 1407      **Inks Lake**

**Water body type:** Reservoir

**Water body size:** 803 Acres

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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### Public Water Supply Use

#### **Finished Drinking Water Dissolved Solids average**

2008	Multiple	1407_01	From Roy Inks Dam upstream to the Clear Creek Arm					OE	NC	NC		No
2008	Multiple	1407_02	From Clear Creel Arm upstream to Buchanan Dam					OE	NC	NC		No

#### **Finished Drinking Water MCLs and Toxic Substances running average**

2008	Multiple	1407_01	From Roy Inks Dam upstream to the Clear Creek Arm					OE	FS	FS		No
2008	Multiple	1407_02	From Clear Creel Arm upstream to Buchanan Dam					OE	FS	FS		No

#### **Finished Drinking Water MCLs Concern**

2008	Multiple	1407_01	From Roy Inks Dam upstream to the Clear Creek Arm					OE	NC	NC		No
2008	Multiple	1407_02	From Clear Creel Arm upstream to Buchanan Dam					OE	NC	NC		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- Inadequate Data; LD- Limited Data; TR- Not Temporally Representative; SR- Not Spatially Representative; SM- Superseded by another method;  
 JQ- Assessor Judgement; OE- Other Information Evaluated; OS- Out-of-State; AU ID - Assessment Unit ID \*Note: Carry-forward refers to impairments without sufficient information in 2008 to re-evaluate the level of support.

**Segment ID:** 1407      **Inks Lake**

**Water body type:** Reservoir

**Water body size:** 803 Acres

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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### Recreation Use

#### **Bacteria Geomean**

2008	E. coli	1407_01	From Roy Inks Dam upstream to the Clear Creek Arm	41	41	0	1.76	126.00	AD	FS	FS	No
2008	E. coli	1407_02	From Clear Creel Arm upstream to Buchanan Dam	40	40	0	5.47	126.00	AD	FS	FS	No
2008	Fecal coliform	1407_01	From Roy Inks Dam upstream to the Clear Creek Arm	11	11	0	2.00	200.00	SM	FS	FS	No
2008	Fecal coliform	1407_02	From Clear Creel Arm upstream to Buchanan Dam	11	11	0	5.49	200.00	SM	FS	FS	No

#### **Bacteria Single Sample**

2008	E. coli	1407_01	From Roy Inks Dam upstream to the Clear Creek Arm	41	41	0		394.00	AD	FS	FS	No
2008	E. coli	1407_02	From Clear Creel Arm upstream to Buchanan Dam	40	40	0		394.00	AD	FS	FS	No
2008	Fecal coliform	1407_01	From Roy Inks Dam upstream to the Clear Creek Arm	11	11	0		400.00	SM	FS	FS	No
2008	Fecal coliform	1407_02	From Clear Creel Arm upstream to Buchanan Dam	11	11	0		400.00	SM	FS	FS	No

2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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Segment ID: 1407A Clear Creek

Water body type: Freshwater Stream Water body size: 9 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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Aquatic Life Use

Dissolved Oxygen grab minimum

2008	Dissolved Oxygen Grab	1407A_01	From the confluence with Inks Lake upstream to FM 2341	8	8	0	2.00	TR	NA	NA		No
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Dissolved Oxygen grab screening level

2008	Dissolved Oxygen Grab	1407A_01	From the confluence with Inks Lake upstream to FM 2341	8	8	0	3.00	TR	NA	NA		No
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## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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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- Superseded by another method;  
 JQ- Assessor Judgement; OE- Other Information Evaluated; OS- Out-of-State; AU ID - Assessment Unit ID \*Note: Carry-forward refers to impairments without sufficient information in 2008 to re-evaluate the level of support.

**Segment ID:** 1407A      **Clear Creek**

**Water body type:** Freshwater Stream

**Water body size:** 9 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>General Use</b>												
<b>Dissolved Solids</b>												
2008	Chloride	1407A_01 From the confluence with Inks Lake upstream to FM 2341	7	7		21.50	150.00	JQ	NC	NC		No
2008	Sulfate	1407A_01 From the confluence with Inks Lake upstream to FM 2341	7	7		1,116.00	100.00	JQ	CN	CN		No
2008	Total Dissolved Solids	1407A_01 From the confluence with Inks Lake upstream to FM 2341	8	8		1,536.00	600.00	JQ	CN	CN		No
<b>High pH</b>												
2008	pH	1407A_01 From the confluence with Inks Lake upstream to FM 2341	8	8	0		9.00	JQ	NC	NC		No
<b>Low pH</b>												
2008	pH	1407A_01 From the confluence with Inks Lake upstream to FM 2341	8	8	6		6.50	JQ	CN	CN		No
<b>Nutrient Screening Levels</b>												
2008	Ammonia	1407A_01 From the confluence with Inks Lake upstream to FM 2341	3	3	1		0.33	ID	NA	NA		No
2008	Chlorophyll-a	1407A_01 From the confluence with Inks Lake upstream to FM 2341	0	0	0		14.10	ID	NA	NA		No
2008	Nitrate	1407A_01 From the confluence with Inks Lake upstream to FM 2341	3	3	0		1.95	ID	NA	NA		No
2008	Orthophosphorus	1407A_01 From the confluence with Inks Lake upstream to FM 2341	0	0			0.37	ID	NA	NA		No
2008	Total Phosphorus	1407A_01 From the confluence with Inks Lake upstream to FM 2341	3	3	0		0.69	ID	NA	NA		No
<b>Water Temperature</b>												
2008	Temperature	1407A_01 From the confluence with Inks Lake upstream to FM 2341	8	8	0		32.20	TR	NA	NA		No

2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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Segment ID: 1407A Clear Creek

Water body type: Freshwater Stream Water body size: 9 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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Recreation Use

Bacteria Geomean

2008	E. coli	1407A_01	From the confluence with Inks Lake upstream to FM 2341	0	0	0	126.00	ID	NA	NA		No
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Bacteria Single Sample

2008	E. coli	1407A_01	From the confluence with Inks Lake upstream to FM 2341	0	0		394.00	ID	NA	NA		No
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## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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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- Superseded by another method;  
 JQ- Assessor Judgement; OE- Other Information Evaluated; OS- Out-of-State; AU ID - Assessment Unit ID \*Note: Carry-forward refers to impairments without sufficient information in 2008 to re-evaluate the level of support.

**Segment ID:** 1408      **Lake Buchanan**

**Water body type:** Reservoir

**Water body size:** 23,060 Acres

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Aquatic Life Use</b>												
<b>Dissolved Oxygen 24hr average</b>												
2008	Dissolved Oxygen 24hr Avg	1408_01	Main pool near dam upstream to Flag Island area	1	1	0	5.00	ID	NA	NA		No
<b>Dissolved Oxygen 24hr minimum</b>												
2008	Dissolved Oxygen 24hr Min	1408_01	Main pool near dam upstream to Flag Island area	1	1	0	3.00	ID	NA	NA		No
<b>Dissolved Oxygen grab minimum</b>												
2008	Dissolved Oxygen Grab	1408_01	Main pool near dam upstream to Flag Island area	677	43	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	1408_02	Rocky Point area, from Flag Island upstream to Shaw Island Park area	602	42	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	1408_03	From Shaw Island Park area upstream to Paradise Point Resort area	430	42	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	1408_04	From Paradise Point Resort area upstream to Willow Slough area	317	41	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	1408_05	From the Willow Slough area upstream to the Headwaters near the Yancey Creek confluence	63	42	0	3.00	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2008	Dissolved Oxygen Grab	1408_01	Main pool near dam upstream to Flag Island area	677	43	1	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	1408_02	Rocky Point area, from Flag Island upstream to Shaw Island Park area	602	42	0	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	1408_03	From Shaw Island Park area upstream to Paradise Point Resort area	430	42	0	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	1408_04	From Paradise Point Resort area upstream to Willow Slough area	317	41	0	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	1408_05	From the Willow Slough area upstream to the Headwaters near the Yancey Creek confluence	63	42	1	5.00	AD	NC	NC		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- 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: 1408 Lake Buchanan

Water body type: Reservoir Water body size: 23,060 Acres

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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Aquatic Life Use

Toxic Substances in sediment

2008	Metals	1408_01	Main pool near dam upstream to Flag Island area	4	4	0		LD	NC	NC		No
2008	Organics	1408_01	Main pool near dam upstream to Flag Island area	3	3			ID	NA	NA		No

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Segment ID: 1408 Lake Buchanan

Water body type: Reservoir Water body size: 23,060 Acres

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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General Use

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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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- Superseded by another method;  
 JQ- Assessor Judgement; OE- Other Information Evaluated; OS- Out-of-State; AU ID - Assessment Unit ID \*Note: Carry-forward refers to impairments without sufficient information in 2008 to re-evaluate the level of support.

**Segment ID: 1408 Lake Buchanan**

**Water body type:** Reservoir

**Water body size:** 23,060 Acres

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>General Use</b>												
<b>Dissolved Solids</b>												
2008	Chloride	1408_01	Main pool near dam upstream to Flag Island area	168	168	57.21	150.00	AD	FS	FS		No
2008	Chloride	1408_02	Rocky Point area, from Flag Island upstream to Shaw Island Park area	168	168	57.21	150.00	AD	FS	FS		No
2008	Chloride	1408_03	From Shaw Island Park area upstream to Paradise Point Resort area	168	168	57.21	150.00	AD	FS	FS		No
2008	Chloride	1408_04	From Paradise Point Resort area upstream to Willow Slough area	168	168	57.21	150.00	AD	FS	FS		No
2008	Chloride	1408_05	From the Willow Slough area upstream to the Headwaters near the Yancey Creek confluence	168	168	57.21	150.00	AD	FS	FS		No
2008	Sulfate	1408_01	Main pool near dam upstream to Flag Island area	168	168	33.41	100.00	AD	FS	FS		No
2008	Sulfate	1408_02	Rocky Point area, from Flag Island upstream to Shaw Island Park area	168	168	33.41	100.00	AD	FS	FS		No
2008	Sulfate	1408_03	From Shaw Island Park area upstream to Paradise Point Resort area	168	168	33.41	100.00	AD	FS	FS		No
2008	Sulfate	1408_04	From Paradise Point Resort area upstream to Willow Slough area	168	168	33.41	100.00	AD	FS	FS		No
2008	Sulfate	1408_05	From the Willow Slough area upstream to the Headwaters near the Yancey Creek confluence	168	168	33.41	100.00	AD	FS	FS		No
2008	Total Dissolved Solids	1408_01	Main pool near dam upstream to Flag Island area	214	214	316.29	600.00	AD	FS	FS		No
2008	Total Dissolved Solids	1408_02	Rocky Point area, from Flag Island upstream to Shaw Island Park area	214	214	316.29	600.00	AD	FS	FS		No
2008	Total Dissolved Solids	1408_03	From Shaw Island Park area upstream to Paradise Point Resort area	214	214	316.29	600.00	AD	FS	FS		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: 1408 Lake Buchanan**

**Water body type:** Reservoir

**Water body size:** 23,060 Acres

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>General Use</b>												
<b>Dissolved Solids</b>												
2008	Total Dissolved Solids	1408_04	From Paradise Point Resort area upstream to Willow Slough area	214	214		316.29	600.00	AD	FS	FS	No
2008	Total Dissolved Solids	1408_05	From the Willow Slough area upstream to the Headwaters near the Yancey Creek confluence	214	214		316.29	600.00	AD	FS	FS	No
<b>High pH</b>												
2008	pH	1408_01	Main pool near dam upstream to Flag Island area	673	42	0		9.00	AD	FS	FS	No
2008	pH	1408_02	Rocky Point area, from Flag Island upstream to Shaw Island Park area	599	41	0		9.00	AD	FS	FS	No
2008	pH	1408_03	From Shaw Island Park area upstream to Paradise Point Resort area	429	41	0		9.00	AD	FS	FS	No
2008	pH	1408_04	From Paradise Point Resort area upstream to Willow Slough area	316	40	0		9.00	AD	FS	FS	No
2008	pH	1408_05	From the Willow Slough area upstream to the Headwaters near the Yancey Creek confluence	62	41	0		9.00	AD	FS	FS	No
<b>Low pH</b>												
2008	pH	1408_01	Main pool near dam upstream to Flag Island area	673	42	0		6.50	AD	FS	FS	No
2008	pH	1408_02	Rocky Point area, from Flag Island upstream to Shaw Island Park area	599	41	0		6.50	AD	FS	FS	No
2008	pH	1408_03	From Shaw Island Park area upstream to Paradise Point Resort area	429	41	0		6.50	AD	FS	FS	No
2008	pH	1408_04	From Paradise Point Resort area upstream to Willow Slough area	316	40	0		6.50	AD	FS	FS	No
2008	pH	1408_05	From the Willow Slough area upstream to the Headwaters near the Yancey Creek confluence	62	41	0		6.50	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- Superseded by another method;  
 JQ- Assessor Judgement; OE- Other Information Evaluated; OS- Out-of-State; AU ID - Assessment Unit ID \*Note: Carry-forward refers to impairments without sufficient information in 2008 to re-evaluate the level of support.

**Segment ID: 1408 Lake Buchanan**

**Water body type:** Reservoir

**Water body size:** 23,060 Acres

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2008	Ammonia	1408_01	Main pool near dam upstream to Flag Island area	42	42	0	0.11	AD	NC	NC		No
2008	Ammonia	1408_02	Rocky Point area, from Flag Island upstream to Shaw Island Park area	41	41	0	0.11	AD	NC	NC		No
2008	Ammonia	1408_03	From Shaw Island Park area upstream to Paradise Point Resort area	0	0	0	0.11	ID	NA	NA		No
2008	Ammonia	1408_04	From Paradise Point Resort area upstream to Willow Slough area	41	41	0	0.11	AD	NC	NC		No
2008	Ammonia	1408_05	From the Willow Slough area upstream to the Headwaters near the Yancey Creek confluence	40	40	1	0.11	AD	NC	NC		No
2008	Chlorophyll-a	1408_01	Main pool near dam upstream to Flag Island area	42	42	0	26.70	AD	NC	NC		No
2008	Chlorophyll-a	1408_02	Rocky Point area, from Flag Island upstream to Shaw Island Park area	41	41	0	26.70	AD	NC	NC		No
2008	Chlorophyll-a	1408_03	From Shaw Island Park area upstream to Paradise Point Resort area	0	0		26.70	ID	NA	NA		No
2008	Chlorophyll-a	1408_04	From Paradise Point Resort area upstream to Willow Slough area	41	41	1	26.70	AD	NC	NC		No
2008	Chlorophyll-a	1408_05	From the Willow Slough area upstream to the Headwaters near the Yancey Creek confluence	41	41	19	26.70	AD	CS	CS		No
2008	Nitrate	1408_01	Main pool near dam upstream to Flag Island area	42	42	3	0.37	AD	NC	NC		No
2008	Nitrate	1408_02	Rocky Point area, from Flag Island upstream to Shaw Island Park area	42	42	3	0.37	AD	NC	NC		No
2008	Nitrate	1408_03	From Shaw Island Park area upstream to Paradise Point Resort area	0	0		0.37	ID	NA	NA		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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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: 1408 Lake Buchanan**

**Water body type:** Reservoir

**Water body size:** 23,060 Acres

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2008	Nitrate	1408_04	From Paradise Point Resort area upstream to Willow Slough area	42	42	3	0.37	AD	NC	NC		No
2008	Nitrate	1408_05	From the Willow Slough area upstream to the Headwaters near the Yancey Creek confluence	41	41	4	0.37	AD	NC	NC		No
2008	Orthophosphorus	1408_01	Main pool near dam upstream to Flag Island area	41	41	0	0.05	AD	NC	NC		No
2008	Orthophosphorus	1408_02	Rocky Point area, from Flag Island upstream to Shaw Island Park area	38	38	0	0.05	AD	NC	NC		No
2008	Orthophosphorus	1408_03	From Shaw Island Park area upstream to Paradise Point Resort area			0	0.05	ID	NA	NA		No
2008	Orthophosphorus	1408_04	From Paradise Point Resort area upstream to Willow Slough area	38	38	0	0.05	AD	NC	NC		No
2008	Orthophosphorus	1408_05	From the Willow Slough area upstream to the Headwaters near the Yancey Creek confluence	37	37	1	0.05	AD	NC	NC		No
2008	Total Phosphorus	1408_01	Main pool near dam upstream to Flag Island area	40	40	1	0.20	AD	NC	NC		No
2008	Total Phosphorus	1408_02	Rocky Point area, from Flag Island upstream to Shaw Island Park area	38	38	0	0.20	AD	NC	NC		No
2008	Total Phosphorus	1408_03	From Shaw Island Park area upstream to Paradise Point Resort area	0	0		0.20	ID	NA	NA		No
2008	Total Phosphorus	1408_04	From Paradise Point Resort area upstream to Willow Slough area	39	39	1	0.20	AD	NC	NC		No
2008	Total Phosphorus	1408_05	From the Willow Slough area upstream to the Headwaters near the Yancey Creek confluence	40	40	1	0.20	AD	NC	NC		No

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**Segment ID: 1408 Lake Buchanan**

**Water body type:** Reservoir

**Water body size:** 23,060 Acres

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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### General Use

#### Water Temperature

2008	Temperature	1408_01	Main pool near dam upstream to Flag Island area	678	43	0	32.20	AD	FS	FS		No
2008	Temperature	1408_02	Rocky Point area, from Flag Island upstream to Shaw Island Park area	602	42	0	32.20	AD	FS	FS		No
2008	Temperature	1408_03	From Shaw Island Park area upstream to Paradise Point Resort area	430	42	0	32.20	AD	FS	FS		No
2008	Temperature	1408_04	From Paradise Point Resort area upstream to Willow Slough area	317	41	0	32.20	AD	FS	FS		No
2008	Temperature	1408_05	From the Willow Slough area upstream to the Headwaters near the Yancey Creek confluence	63	42	0	32.20	AD	FS	FS		No

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**Segment ID:** 1408      **Lake Buchanan**

**Water body type:** Reservoir

**Water body size:** 23,060 Acres

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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### Public Water Supply Use

#### **Finished Drinking Water Dissolved Solids average**

2008	Multiple	1408_01	Main pool near dam upstream to Flag Island area					OE	NC	NC		No
2008	Multiple	1408_02	Rocky Point area, from Flag Island upstream to Shaw Island Park area					OE	NC	NC		No
2008	Multiple	1408_03	From Shaw Island Park area upstream to Paradise Point Resort area					OE	NC	NC		No
2008	Multiple	1408_04	From Paradise Point Resort area upstream to Willow Slough area					OE	NC	NC		No
2008	Multiple	1408_05	From the Willow Slough area upstream to the Headwaters near the Yancey Creek confluence					OE	NC	NC		No

#### **Finished Drinking Water MCLs and Toxic Substances running average**

2008	Multiple	1408_01	Main pool near dam upstream to Flag Island area					OE	FS	FS		No
2008	Multiple	1408_02	Rocky Point area, from Flag Island upstream to Shaw Island Park area					OE	FS	FS		No
2008	Multiple	1408_03	From Shaw Island Park area upstream to Paradise Point Resort area					OE	FS	FS		No
2008	Multiple	1408_04	From Paradise Point Resort area upstream to Willow Slough area					OE	FS	FS		No
2008	Multiple	1408_05	From the Willow Slough area upstream to the Headwaters near the Yancey Creek confluence					OE	FS	FS		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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**Segment ID:** 1408      **Lake Buchanan**

**Water body type:** Reservoir

**Water body size:** 23,060 Acres

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry- Forward</u>
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### Public Water Supply Use

#### **Finished Drinking Water MCLs Concern**

2008	Multiple	1408_01	Main pool near dam upstream to Flag Island area					OE	NC	NC		No
2008	Multiple	1408_02	Rocky Point area, from Flag Island upstream to Shaw Island Park area					OE	NC	NC		No
2008	Multiple	1408_03	From Shaw Island Park area upstream to Paradise Point Resort area					OE	NC	NC		No
2008	Multiple	1408_04	From Paradise Point Resort area upstream to Willow Slough area					OE	NC	NC		No
2008	Multiple	1408_05	From the Willow Slough area upstream to the Headwaters near the Yancey Creek confluence					OE	NC	NC		No

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**Segment ID: 1408 Lake Buchanan**

**Water body type:** Reservoir

**Water body size:** 23,060 Acres

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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### Recreation Use

#### **Bacteria Geomean**

2008	E. coli	1408_01	Main pool near dam upstream to Flag Island area	38	38	0	0.79	126.00	AD	FS	FS	No
2008	E. coli	1408_02	Rocky Point area, from Flag Island upstream to Shaw Island Park area	38	38	0	1.05	126.00	AD	FS	FS	No
2008	E. coli	1408_04	From Paradise Point Resort area upstream to Willow Slough area	42	42	0	1.45	126.00	AD	FS	FS	No
2008	E. coli	1408_05	From the Willow Slough area upstream to the Headwaters near the Yancey Creek confluence	41	41	0	2.59	126.00	AD	FS	FS	No
2008	Fecal coliform	1408_01	Main pool near dam upstream to Flag Island area	11	11	0	1.03	200.00	SM	FS	FS	No
2008	Fecal coliform	1408_02	Rocky Point area, from Flag Island upstream to Shaw Island Park area	11	11	0	0.80	200.00	SM	FS	FS	No
2008	Fecal coliform	1408_04	From Paradise Point Resort area upstream to Willow Slough area	11	11	0	1.66	200.00	SM	FS	FS	No
2008	Fecal coliform	1408_05	From the Willow Slough area upstream to the Headwaters near the Yancey Creek confluence	11	11	0	3.37	200.00	SM	FS	FS	No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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**Segment ID:** 1408      **Lake Buchanan**

**Water body type:** Reservoir

**Water body size:** 23,060 Acres

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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### Recreation Use

#### **Bacteria Single Sample**

2008	E. coli	1408_01	Main pool near dam upstream to Flag Island area	38	38	0	394.00	AD	FS	FS		No
2008	E. coli	1408_02	Rocky Point area, from Flag Island upstream to Shaw Island Park area	38	38	0	394.00	AD	FS	FS		No
2008	E. coli	1408_04	From Paradise Point Resort area upstream to Willow Slough area	42	42	0	394.00	AD	FS	FS		No
2008	E. coli	1408_05	From the Willow Slough area upstream to the Headwaters near the Yancey Creek confluence	41	41	0	394.00	AD	FS	FS		No
2008	Fecal coliform	1408_01	Main pool near dam upstream to Flag Island area	11	11	0	400.00	SM	FS	FS		No
2008	Fecal coliform	1408_02	Rocky Point area, from Flag Island upstream to Shaw Island Park area	11	11	0	400.00	SM	FS	FS		No
2008	Fecal coliform	1408_04	From Paradise Point Resort area upstream to Willow Slough area	11	11	0	400.00	SM	FS	FS		No
2008	Fecal coliform	1408_05	From the Willow Slough area upstream to the Headwaters near the Yancey Creek confluence	11	11	0	400.00	SM	FS	FS		No



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### Segment ID: 1409 Colorado River Above Lake Buchanan

**Water body type:** Freshwater Stream

**Water body size:** 37 Miles

<u>YEAR</u>		<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Aquatic Life Use</b>													
<b>Dissolved Oxygen 24hr average</b>													
2008	Dissolved Oxygen 24hr Avg	1409_01	From the Yancey Creek confluence upstream to the confluence with Cherokee Creek	1	1	0		5.00	ID	NA	NA		No
2008	Dissolved Oxygen 24hr Avg	1409_02	From the confluence with Cherokee Creek upstream to the confluence of the San Saba River	10	10	0		5.00	AD	FS	FS		No
<b>Dissolved Oxygen 24hr minimum</b>													
2008	Dissolved Oxygen 24hr Min	1409_01	From the Yancey Creek confluence upstream to the confluence with Cherokee Creek	1	1	0		3.00	ID	NA	NA		No
2008	Dissolved Oxygen 24hr Min	1409_02	From the confluence with Cherokee Creek upstream to the confluence of the San Saba River	10	10	0		3.00	AD	FS	FS		No
<b>Dissolved Oxygen grab minimum</b>													
2008	Dissolved Oxygen Grab	1409_01	From the Yancey Creek confluence upstream to the confluence with Cherokee Creek	1	1	0		3.00	ID	NA	NA		No
2008	Dissolved Oxygen Grab	1409_02	From the confluence with Cherokee Creek upstream to the confluence of the San Saba River	40	40	0		3.00	SM	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>													
2008	Dissolved Oxygen Grab	1409_01	From the Yancey Creek confluence upstream to the confluence with Cherokee Creek	1	1	0		5.00	ID	NA	NA		No
2008	Dissolved Oxygen Grab	1409_02	From the confluence with Cherokee Creek upstream to the confluence of the San Saba River	40	40	0		5.00	SM	NC	NC		No

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**Water body type:** Freshwater Stream

**Water body size:** 37 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Aquatic Life Use</b>												
<b>Fish Community</b>												
2008	Fish Community	1409_02	From the confluence with Cherokee Creek upstream to the confluence of the San Saba River	7	7		48.50	42.00	AD	FS	FS	No
<b>Habitat</b>												
2008	Habitat	1409_02	From the confluence with Cherokee Creek upstream to the confluence of the San Saba River	5	5		21.50	20.00	AD	NC	NC	No
<b>Macrobenthic Community</b>												
2008	Macrobenthic Community	1409_02	From the confluence with Cherokee Creek upstream to the confluence of the San Saba River	7	7		35.60	29.00	AD	FS	FS	No
<b>Toxic Substances in sediment</b>												
2008	Metals	1409_02	From the confluence with Cherokee Creek upstream to the confluence of the San Saba River	3	3	0		ID	NA	NA		No
2008	Organics	1409_02	From the confluence with Cherokee Creek upstream to the confluence of the San Saba River	3	3	0		ID	NA	NA		No

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**Segment ID: 1409 Colorado River Above Lake Buchanan**

**Water body type:** Freshwater Stream

**Water body size:** 37 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>General Use</b>												
<b>Dissolved Solids</b>												
2008	Chloride	1409_01	From the Yancey Creek confluence upstream to the confluence with Cherokee Creek	43	43	50.13	200.00	AD	FS	FS		No
2008	Chloride	1409_02	From the confluence with Cherokee Creek upstream to the confluence of the San Saba River	43	43	50.13	200.00	AD	FS	FS		No
2008	Sulfate	1409_01	From the Yancey Creek confluence upstream to the confluence with Cherokee Creek	43	43	29.14	200.00	AD	FS	FS		No
2008	Sulfate	1409_02	From the confluence with Cherokee Creek upstream to the confluence of the San Saba River	43	43	29.14	200.00	AD	FS	FS		No
2008	Total Dissolved Solids	1409_01	From the Yancey Creek confluence upstream to the confluence with Cherokee Creek	400	400	410.96	900.00	AD	FS	FS		No
2008	Total Dissolved Solids	1409_02	From the confluence with Cherokee Creek upstream to the confluence of the San Saba River	400	400	410.96	900.00	AD	FS	FS		No
<b>High pH</b>												
2008	pH	1409_01	From the Yancey Creek confluence upstream to the confluence with Cherokee Creek	1	1	0	9.00	ID	NA	NA		No
2008	pH	1409_02	From the confluence with Cherokee Creek upstream to the confluence of the San Saba River	41	41	0	9.00	AD	FS	FS		No

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**Segment ID:** 1409 **Colorado River Above Lake Buchanan**

**Water body type:** Freshwater Stream

**Water body size:** 37 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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### General Use

#### Low pH

2008	pH	1409_01	From the Yancey Creek confluence upstream to the confluence with Cherokee Creek	1	1	0	6.50	ID	NA	NA		No
2008	pH	1409_02	From the confluence with Cherokee Creek upstream to the confluence of the San Saba River	41	41	0	6.50	AD	FS	FS		No

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<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2008	Ammonia	1409_01	From the Yancey Creek confluence upstream to the confluence with Cherokee Creek	0	0		0.33	ID	NA	NA		No
2008	Ammonia	1409_02	From the confluence with Cherokee Creek upstream to the confluence of the San Saba River	42	42	0	0.33	AD	NC	NC		No
2008	Chlorophyll-a	1409_01	From the Yancey Creek confluence upstream to the confluence with Cherokee Creek	1	1	1	14.10	ID	NA	NA		No
2008	Chlorophyll-a	1409_02	From the confluence with Cherokee Creek upstream to the confluence of the San Saba River	41	41	10	14.10	AD	NC	NC		No
2008	Nitrate	1409_01	From the Yancey Creek confluence upstream to the confluence with Cherokee Creek	1	1	0	1.95	ID	NA	NA		No
2008	Nitrate	1409_02	From the confluence with Cherokee Creek upstream to the confluence of the San Saba River	41	41	0	1.95	AD	NC	NC		No
2008	Orthophosphorus	1409_01	From the Yancey Creek confluence upstream to the confluence with Cherokee Creek	0	0		0.37	ID	NA	NA		No
2008	Orthophosphorus	1409_02	From the confluence with Cherokee Creek upstream to the confluence of the San Saba River	40	40	0	0.37	AD	NC	NC		No
2008	Total Phosphorus	1409_01	From the Yancey Creek confluence upstream to the confluence with Cherokee Creek	1	1	0	0.69	ID	NA	NA		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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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: 1409 Colorado River Above Lake Buchanan**

**Water body type:** Freshwater Stream

**Water body size:** 37 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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### General Use

#### Nutrient Screening Levels

2008	Total Phosphorus	1409_02	From the confluence with Cherokee Creek upstream to the confluence of the San Saba River	41	41	0	0.69	AD	NC	NC		No
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#### Water Temperature

2008	Temperature	1409_01	From the Yancey Creek confluence upstream to the confluence with Cherokee Creek	1	1	0	32.80	ID	NA	NA		No
2008	Temperature	1409_02	From the confluence with Cherokee Creek upstream to the confluence of the San Saba River	42	42	0	32.80	AD	FS	FS		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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**Segment ID:** 1409 **Colorado River Above Lake Buchanan**

**Water body type:** Freshwater Stream

**Water body size:** 37 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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### Public Water Supply Use

#### Finished Drinking Water Dissolved Solids average

2008	Multiple	1409_01	From the Yancey Creek confluence upstream to the confluence with Cherokee Creek					OE	NC	NC		No
2008	Multiple	1409_02	From the confluence with Cherokee Creek upstream to the confluence of the San Saba River					OE	NC	NC		No

#### Finished Drinking Water MCLs and Toxic Substances running average

2008	Multiple	1409_01	From the Yancey Creek confluence upstream to the confluence with Cherokee Creek					OE	FS	FS		No
2008	Multiple	1409_02	From the confluence with Cherokee Creek upstream to the confluence of the San Saba River					OE	FS	FS		No

#### Finished Drinking Water MCLs Concern

2008	Multiple	1409_01	From the Yancey Creek confluence upstream to the confluence with Cherokee Creek					OE	NC	NC		No
2008	Multiple	1409_02	From the confluence with Cherokee Creek upstream to the confluence of the San Saba River					OE	NC	NC		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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### Segment ID: 1409 Colorado River Above Lake Buchanan

**Water body type:** Freshwater Stream

**Water body size:** 37 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2008	E. coli	1409_01	From the Yancey Creek confluence upstream to the confluence with Cherokee Creek	1	1	0	16.00	126.00	ID	NA	NA	No
2008	E. coli	1409_02	From the confluence with Cherokee Creek upstream to the confluence of the San Saba River	42	42	0	59.64	126.00	AD	FS	FS	No
2008	Fecal coliform	1409_01	From the Yancey Creek confluence upstream to the confluence with Cherokee Creek	1	1	0	23.00	200.00	ID	NA	NA	No
2008	Fecal coliform	1409_02	From the confluence with Cherokee Creek upstream to the confluence of the San Saba River	11	11	0	42.25	200.00	SM	FS	FS	No
<b>Bacteria Single Sample</b>												
2008	E. coli	1409_01	From the Yancey Creek confluence upstream to the confluence with Cherokee Creek	1	1	0		394.00	ID	NA	NA	No
2008	E. coli	1409_02	From the confluence with Cherokee Creek upstream to the confluence of the San Saba River	42	42	4		394.00	AD	FS	FS	No
2008	Fecal coliform	1409_01	From the Yancey Creek confluence upstream to the confluence with Cherokee Creek	1	1	0		400.00	ID	NA	NA	No
2008	Fecal coliform	1409_02	From the confluence with Cherokee Creek upstream to the confluence of the San Saba River	11	11	1		400.00	SM	FS	FS	No



## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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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:** 1409A **Cherokee Creek (unclassified water body)**

**Water body type:** Freshwater Stream

**Water body size:** 40 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Aquatic Life Use</b>												
<b>Dissolved Oxygen grab minimum</b>												
2006	Dissolved Oxygen Grab	1409A_01 From the confluence with the Colorado River in San Saba County upstream to SH 16 north of Cherokee	10	10	0		3.00	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	1409A_01 From the confluence with the Colorado River in San Saba County upstream to SH 16 north of Cherokee	10	10	0		5.00	AD	NC	NC		No
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2006	Ammonia	1409A_01 From the confluence with the Colorado River in San Saba County upstream to SH 16 north of Cherokee	10	10	0		0.33	AD	NC	NC		No
2006	Chlorophyll-a	1409A_01 From the confluence with the Colorado River in San Saba County upstream to SH 16 north of Cherokee	11	11	0		14.10	AD	NC	NC		No
2006	Nitrate	1409A_01 From the confluence with the Colorado River in San Saba County upstream to SH 16 north of Cherokee	11	11	0		1.95	AD	NC	NC		No
2006	Orthophosphorus	1409A_01 From the confluence with the Colorado River in San Saba County upstream to SH 16 north of Cherokee	9	9	0		0.37	LD	NC	NC		No
2006	Total Phosphorus	1409A_01 From the confluence with the Colorado River in San Saba County upstream to SH 16 north of Cherokee	10	10	0		0.69	AD	NC	NC		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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**Segment ID:** 1409A **Cherokee Creek (unclassified water body)**

**Water body type:** Freshwater Stream

**Water body size:** 40 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2006	E. coli	1409A_01	From the confluence with the Colorado River in San Saba County upstream to SH 16 north of Cherokee	11	11		28.00	126.00	AD	FS	FS	No
2006	Fecal coliform	1409A_01	From the confluence with the Colorado River in San Saba County upstream to SH 16 north of Cherokee	4	4		90.00	200.00	SM	NC	NC	No
<b>Bacteria Single Sample</b>												
2006	E. coli	1409A_01	From the confluence with the Colorado River in San Saba County upstream to SH 16 north of Cherokee	11	11	1		394.00	AD	FS	FS	No
2006	Fecal coliform	1409A_01	From the confluence with the Colorado River in San Saba County upstream to SH 16 north of Cherokee	4	4	1		400.00	SM	NC	NC	No

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### Segment ID: 1410 Colorado River Below O. H. Ivie Reservoir

**Water body type:** Freshwater Stream

**Water body size:** 138 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Aquatic Life Use</b>												
<b>Acute Toxic Substances in water</b>												
2006	Metals	1410_02	From the confluence of Indian Creek upstream to the confluence of Home Creek	6	6	0		LD	NC	NC		No
2006	Metals	1410_04	From the confluence of Bull Creek upstream to O.H. Ivie Reservoir dam	5	5	0		LD	NC	NC		No
<b>Chronic Toxic Substances in water</b>												
2006	Metals	1410_02	From the confluence of Indian Creek upstream to the confluence of Home Creek	6	6			LD	NC	NC		No
2006	Metals	1410_04	From the confluence of Bull Creek upstream to O.H. Ivie Reservoir dam	5	5			LD	NC	NC		No
<b>Dissolved Oxygen 24hr average</b>												
2008	Dissolved Oxygen 24hr Avg	1410_01	From the confluence of the San Saba River upstream to the confluence of Indian Creek	6	6	1	5.00	LD	NC	NC		No
2008	Dissolved Oxygen 24hr Avg	1410_02	From the confluence of Indian Creek upstream to the confluence of Home Creek	3	3	1	5.00	ID	NA	NA		No
<b>Dissolved Oxygen 24hr minimum</b>												
2008	Dissolved Oxygen 24hr Min	1410_01	From the confluence of the San Saba River upstream to the confluence of Indian Creek	6	6	1	3.00	LD	NC	NC		No
2008	Dissolved Oxygen 24hr Min	1410_02	From the confluence of Indian Creek upstream to the confluence of Home Creek	3	3	1	3.00	ID	NA	NA		No
<b>Dissolved Oxygen grab minimum</b>												
2008	Dissolved Oxygen Grab	1410_01	From the confluence of the San Saba River upstream to the confluence of Indian Creek	6	6	0	3.00	LD	NC	NC		No
2008	Dissolved Oxygen Grab	1410_02	From the confluence of Indian Creek upstream to the confluence of Home Creek	59	58	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	1410_04	From the confluence of Bull Creek upstream to O.H. Ivie Reservoir dam	24	24	0	3.00	AD	FS	FS		No

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### Segment ID: 1410 Colorado River Below O. H. Ivie Reservoir

**Water body type:** Freshwater Stream

**Water body size:** 138 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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#### Aquatic Life Use

##### **Dissolved Oxygen grab screening level**

2008	Dissolved Oxygen Grab	1410_01	From the confluence of the San Saba River upstream to the confluence of Indian Creek	6	6	0	5.00	LD	NC	NC		No
2008	Dissolved Oxygen Grab	1410_02	From the confluence of Indian Creek upstream to the confluence of Home Creek	59	58	1	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	1410_04	From the confluence of Bull Creek upstream to O.H. Ivie Reservoir dam	24	24	0	5.00	AD	NC	NC		No

##### **Toxic Substances in sediment**

2008	Metals	1410_02	From the confluence of Indian Creek upstream to the confluence of Home Creek	4	4	0		LD	NC	NC		No
2006	Metals	1410_04	From the confluence of Bull Creek upstream to O.H. Ivie Reservoir dam	1	1	0		ID	NA	NA		No
2008	Organics	1410_02	From the confluence of Indian Creek upstream to the confluence of Home Creek	2	2	0		ID	NA	NA		No

#### Fish Consumption Use

##### **HH Bioaccumulative Toxics in water**

2006	Multiple	1410_02	From the confluence of Indian Creek upstream to the confluence of Home Creek	6	6	0		LD	NC	NC		No
2006	Multiple	1410_04	From the confluence of Bull Creek upstream to O.H. Ivie Reservoir dam	6	6			LD	NC	NC		No

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<b>General Use</b>												
<b>Dissolved Solids</b>												
2008	Chloride	1410_01	From the confluence of the San Saba River upstream to the confluence of Indian Creek	90	90	255.43	500.00	AD	FS	FS		No
2008	Chloride	1410_02	From the confluence of Indian Creek upstream to the confluence of Home Creek	90	90	255.43	500.00	AD	FS	FS		No
2008	Chloride	1410_03	From the confluence of Home Creek upstream to the confluence of Bull Creek	90	90	255.43	500.00	AD	FS	FS		No
2008	Chloride	1410_04	From the confluence of Bull Creek upstream to O.H. Ivie Reservoir dam	90	90	255.43	500.00	AD	FS	FS		No
2008	Sulfate	1410_01	From the confluence of the San Saba River upstream to the confluence of Indian Creek	90	90	174.65	455.00	AD	FS	FS		No
2008	Sulfate	1410_02	From the confluence of Indian Creek upstream to the confluence of Home Creek	90	90	174.65	455.00	AD	FS	FS		No
2008	Sulfate	1410_03	From the confluence of Home Creek upstream to the confluence of Bull Creek	90	90	174.65	455.00	AD	FS	FS		No
2008	Sulfate	1410_04	From the confluence of Bull Creek upstream to O.H. Ivie Reservoir dam	90	90	174.65	455.00	AD	FS	FS		No
2008	Total Dissolved Solids	1410_01	From the confluence of the San Saba River upstream to the confluence of Indian Creek	453	453	945.03	1,475.00	AD	FS	FS		No
2008	Total Dissolved Solids	1410_02	From the confluence of Indian Creek upstream to the confluence of Home Creek	453	453	945.03	1,475.00	AD	FS	FS		No
2008	Total Dissolved Solids	1410_03	From the confluence of Home Creek upstream to the confluence of Bull Creek	453	453	945.03	1,475.00	AD	FS	FS		No
2008	Total Dissolved Solids	1410_04	From the confluence of Bull Creek upstream to O.H. Ivie Reservoir dam	453	453	945.03	1,475.00	AD	FS	FS		No

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**Segment ID: 1410 Colorado River Below O. H. Ivie Reservoir**

**Water body type:** Freshwater Stream

**Water body size:** 138 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>General Use</b>												
<b>High pH</b>												
2008	pH	1410_01	From the confluence of the San Saba River upstream to the confluence of Indian Creek	6	6	0	9.00	LD	NC	NC		No
2008	pH	1410_02	From the confluence of Indian Creek upstream to the confluence of Home Creek	59	58	0	9.00	AD	FS	FS		No
2008	pH	1410_04	From the confluence of Bull Creek upstream to O.H. Ivie Reservoir dam	24	24	0	9.00	AD	FS	FS		No
<b>Low pH</b>												
2008	pH	1410_01	From the confluence of the San Saba River upstream to the confluence of Indian Creek	6	6	0	6.50	LD	NC	NC		No
2008	pH	1410_02	From the confluence of Indian Creek upstream to the confluence of Home Creek	59	58	0	6.50	AD	FS	FS		No
2008	pH	1410_04	From the confluence of Bull Creek upstream to O.H. Ivie Reservoir dam	24	24	0	6.50	AD	FS	FS		No

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**Water body type:** Freshwater Stream

**Water body size:** 138 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2008	Ammonia	1410_01	From the confluence of the San Saba River upstream to the confluence of Indian Creek	1	1	0	0.33	ID	NA	NA		No
2008	Ammonia	1410_02	From the confluence of Indian Creek upstream to the confluence of Home Creek	56	56	0	0.33	AD	NC	NC		No
2008	Ammonia	1410_04	From the confluence of Bull Creek upstream to O.H. Ivie Reservoir dam	24	24	1	0.33	AD	NC	NC		No
2008	Chlorophyll-a	1410_01	From the confluence of the San Saba River upstream to the confluence of Indian Creek	6	6	5	14.10	LD	CS	CS		No
2008	Chlorophyll-a	1410_02	From the confluence of Indian Creek upstream to the confluence of Home Creek	58	58	12	14.10	AD	NC	NC		No
2008	Chlorophyll-a	1410_04	From the confluence of Bull Creek upstream to O.H. Ivie Reservoir dam	24	24	4	14.10	AD	NC	NC		No
2008	Nitrate	1410_01	From the confluence of the San Saba River upstream to the confluence of Indian Creek	1	1	0	1.95	ID	NA	NA		No
2008	Nitrate	1410_02	From the confluence of Indian Creek upstream to the confluence of Home Creek	58	58	0	1.95	AD	NC	NC		No
2008	Nitrate	1410_04	From the confluence of Bull Creek upstream to O.H. Ivie Reservoir dam	24	24	0	1.95	AD	NC	NC		No
2008	Orthophosphorus	1410_01	From the confluence of the San Saba River upstream to the confluence of Indian Creek	1	1	0	0.37	ID	NA	NA		No
2008	Orthophosphorus	1410_02	From the confluence of Indian Creek upstream to the confluence of Home Creek	58	58	0	0.37	AD	NC	NC		No
2008	Orthophosphorus	1410_04	From the confluence of Bull Creek upstream to O.H. Ivie Reservoir dam	23	23	0	0.37	AD	NC	NC		No
2008	Total Phosphorus	1410_01	From the confluence of the San Saba River upstream to the confluence of Indian Creek	6	6	0	0.69	LD	NC	NC		No
2008	Total Phosphorus	1410_02	From the confluence of Indian Creek upstream to the confluence of Home Creek	54	54	0	0.69	AD	NC	NC		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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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- Superseded by another method;  
 JQ- Assessor Judgement; OE- Other Information Evaluated; OS- Out-of-State; AU ID - Assessment Unit ID \*Note: Carry-forward refers to impairments without sufficient information in 2008 to re-evaluate the level of support.

### Segment ID: 1410 Colorado River Below O. H. Ivie Reservoir

**Water body type:** Freshwater Stream

**Water body size:** 138 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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#### General Use

#### **Nutrient Screening Levels**

2008	Total Phosphorus	1410_04	From the confluence of Bull Creek upstream to O.H. Ivie Reservoir dam	24	24	0	0.69	AD	NC	NC		No
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#### **Water Temperature**

2008	Temperature	1410_01	From the confluence of the San Saba River upstream to the confluence of Indian Creek	6	6	0	32.80	LD	NC	NC		No
2008	Temperature	1410_02	From the confluence of Indian Creek upstream to the confluence of Home Creek	60	59	0	32.80	AD	FS	FS		No
2008	Temperature	1410_04	From the confluence of Bull Creek upstream to O.H. Ivie Reservoir dam	35	35	1	32.80	AD	FS	FS		No



## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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### Segment ID: 1410 Colorado River Below O. H. Ivie Reservoir

**Water body type:** Freshwater Stream

**Water body size:** 138 Miles

YEAR		AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Public Water Supply Use</b>													
<b>Finished Drinking Water Dissolved Solids average</b>													
2008	Multiple	1410_01	From the confluence of the San Saba River upstream to the confluence of Indian Creek						OE	NC	NC		No
2008	Multiple	1410_02	From the confluence of Indian Creek upstream to the confluence of Home Creek						OE	NC	NC		No
2008	Multiple	1410_03	From the confluence of Home Creek upstream to the confluence of Bull Creek						OE	NC	NC		No
2008	Multiple	1410_04	From the confluence of Bull Creek upstream to O.H. Ivie Reservoir dam						OE	NC	NC		No
<b>Finished Drinking Water MCLs and Toxic Substances running average</b>													
2008	Multiple	1410_01	From the confluence of the San Saba River upstream to the confluence of Indian Creek						OE	FS	FS		No
2008	Multiple	1410_02	From the confluence of Indian Creek upstream to the confluence of Home Creek						OE	FS	FS		No
2008	Multiple	1410_03	From the confluence of Home Creek upstream to the confluence of Bull Creek						OE	FS	FS		No
2008	Multiple	1410_04	From the confluence of Bull Creek upstream to O.H. Ivie Reservoir dam						OE	FS	FS		No
<b>Finished Drinking Water MCLs Concern</b>													
2008	Multiple	1410_01	From the confluence of the San Saba River upstream to the confluence of Indian Creek						OE	NC	NC		No
2008	Multiple	1410_02	From the confluence of Indian Creek upstream to the confluence of Home Creek						OE	NC	NC		No
2008	Multiple	1410_03	From the confluence of Home Creek upstream to the confluence of Bull Creek						OE	NC	NC		No
2008	Multiple	1410_04	From the confluence of Bull Creek upstream to O.H. Ivie Reservoir dam						OE	NC	NC		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- Inadequate Data; LD- Limited Data; TR- Not Temporally Representative; SR- Not Spatially Representative; SM- Superseded by another method; JQ- Assessor Judgement; OE- Other Information Evaluated; OS- Out-of-State; AU ID - Assessment Unit ID \*Note: Carry-forward refers to impairments without sufficient information in 2008 to re-evaluate the level of support.

Segment ID: 1410 Colorado River Below O. H. Ivie Reservoir

Water body type: Freshwater Stream Water body size: 138 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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Public Water Supply Use

Surface Water HH criteria for PWS average

2006	Multiple	1410_02	From the confluence of Indian Creek upstream to the confluence of Home Creek	15	15			AD	FS	FS		No
2006	Multiple	1410_04	From the confluence of Bull Creek upstream to O.H. Ivie Reservoir dam	15	15			AD	FS	FS		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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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: 1410 Colorado River Below O. H. Ivie Reservoir

**Water body type:** Freshwater Stream

**Water body size:** 138 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry- Forward</u>
<b><u>Recreation Use</u></b>												
<b>Bacteria Geomean</b>												
2008	E. coli	1410_01	From the confluence of the San Saba River upstream to the confluence of Indian Creek	6	6	0	45.88	126.00	LD	NC	NC	No
2008	E. coli	1410_02	From the confluence of Indian Creek upstream to the confluence of Home Creek	55	55	0	26.12	126.00	AD	FS	FS	No
2008	E. coli	1410_04	From the confluence of Bull Creek upstream to O.H. Ivie Reservoir dam	20	20	0	27.22	126.00	AD	FS	FS	No
2008	Enterococcus	1410_02	From the confluence of Indian Creek upstream to the confluence of Home Creek	1	1	0	32.00	35.00	ID	NA	NA	No
2008	Fecal coliform	1410_01	From the confluence of the San Saba River upstream to the confluence of Indian Creek	5	5	0	57.39	200.00	LD	NC	NC	No
2008	Fecal coliform	1410_02	From the confluence of Indian Creek upstream to the confluence of Home Creek	23	23	0	38.02	200.00	SM	FS	FS	No
2008	Fecal coliform	1410_04	From the confluence of Bull Creek upstream to O.H. Ivie Reservoir dam	13	13	0	45.88	200.00	SM	FS	FS	No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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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: 1410 Colorado River Below O. H. Ivie Reservoir

**Water body type:** Freshwater Stream

**Water body size:** 138 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry- Forward</u>
<b><u>Recreation Use</u></b>												
<b>Bacteria Single Sample</b>												
2008	E. coli	1410_01	From the confluence of the San Saba River upstream to the confluence of Indian Creek	6	6	0	394.00	LD	NC	NC		No
2008	E. coli	1410_02	From the confluence of Indian Creek upstream to the confluence of Home Creek	55	55	4	394.00	AD	FS	FS		No
2008	E. coli	1410_04	From the confluence of Bull Creek upstream to O.H. Ivie Reservoir dam	20	20	1	394.00	AD	FS	FS		No
2008	Enterococcus	1410_02	From the confluence of Indian Creek upstream to the confluence of Home Creek	1	1	0	89.00	ID	NA	NA		No
2008	Fecal coliform	1410_01	From the confluence of the San Saba River upstream to the confluence of Indian Creek	5	5	0	400.00	LD	NC	NC		No
2008	Fecal coliform	1410_02	From the confluence of Indian Creek upstream to the confluence of Home Creek	23	23	1	400.00	SM	FS	FS		No
2008	Fecal coliform	1410_04	From the confluence of Bull Creek upstream to O.H. Ivie Reservoir dam	13	13	0	400.00	SM	FS	FS		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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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:** 1411 **E. V. Spence Reservoir**

**Water body type:** Reservoir

**Water body size:** 14,950 Acres

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Aquatic Life Use</b>												
<b>Dissolved Oxygen grab minimum</b>												
2008	Dissolved Oxygen Grab	1411_01	Main pool from the dam upstream to the Rough Creek confluence area	130	24	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	1411_02	From the Rough Creek confluence area upstream to the confluence of Little Silver Creek	12	12	0	3.00	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2008	Dissolved Oxygen Grab	1411_01	Main pool from the dam upstream to the Rough Creek confluence area	130	24	0	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	1411_02	From the Rough Creek confluence area upstream to the confluence of Little Silver Creek	12	12	0	5.00	AD	NC	NC		No
<b>Toxic Substances in sediment</b>												
2008	Organics	1411_01	Main pool from the dam upstream to the Rough Creek confluence area	1	1	0		ID	NA	NA		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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**Segment ID:** 1411      **E. V. Spence Reservoir**

**Water body type:** Reservoir

**Water body size:** 14,950 Acres

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>General Use</b>												
<b>Dissolved Solids</b>												
2008	Chloride	1411_01	Main pool from the dam upstream to the Rough Creek confluence area	33	33	944.52	950.00	AD	FS	FS		No
2008	Chloride	1411_02	From the Rough Creek confluence area upstream to the confluence of Little Silver Creek	33	33	944.52	950.00	AD	FS	FS		No
2008	Sulfate	1411_01	Main pool from the dam upstream to the Rough Creek confluence area	33	33	663.00	450.00	AD	NS	NS	4a	No
2008	Sulfate	1411_02	From the Rough Creek confluence area upstream to the confluence of Little Silver Creek	33	33	663.00	450.00	AD	NS	NS	4a	No
2008	Total Dissolved Solids	1411_01	Main pool from the dam upstream to the Rough Creek confluence area	34	34	2,486.11	1,500.00	AD	NS	NS	4a	No
2008	Total Dissolved Solids	1411_02	From the Rough Creek confluence area upstream to the confluence of Little Silver Creek	34	34	2,486.11	1,500.00	AD	NS	NS	4a	No
<b>Fish Kill Reports</b>												
2008	Golden Alga	1411_01	Main pool from the dam upstream to the Rough Creek confluence area	4	4			OE	CN	CN		No
2008	Golden Alga	1411_02	From the Rough Creek confluence area upstream to the confluence of Little Silver Creek	4	4			OE	CN	CN		No
<b>High pH</b>												
2008	pH	1411_01	Main pool from the dam upstream to the Rough Creek confluence area	130	24	0	9.00	AD	FS	FS		No
2008	pH	1411_02	From the Rough Creek confluence area upstream to the confluence of Little Silver Creek	11	11	0	9.00	AD	FS	FS		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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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:** 1411      **E. V. Spence Reservoir**

**Water body type:** Reservoir

**Water body size:** 14,950 Acres

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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### General Use

#### Low pH

2008	pH	1411_01	Main pool from the dam upstream to the Rough Creek confluence area	130	24	0	6.50	AD	FS	FS		No
2008	pH	1411_02	From the Rough Creek confluence area upstream to the confluence of Little Silver Creek	11	11	0	6.50	AD	FS	FS		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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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- Superseded by another method;  
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**Segment ID:** 1411 **E. V. Spence Reservoir**

**Water body type:** Reservoir

**Water body size:** 14,950 Acres

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry- Forward</u>
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2008	Ammonia	1411_01	Main pool from the dam upstream to the Rough Creek confluence area	23	23	1	0.11	AD	NC	NC		No
2008	Ammonia	1411_02	From the Rough Creek confluence area upstream to the confluence of Little Silver Creek	10	10	1	0.11	AD	NC	NC		No
2008	Chlorophyll-a	1411_01	Main pool from the dam upstream to the Rough Creek confluence area	23	23	7	26.70	AD	CS	CS		No
2008	Chlorophyll-a	1411_02	From the Rough Creek confluence area upstream to the confluence of Little Silver Creek	10	10	1	26.70	AD	NC	NC		No
2008	Nitrate	1411_01	Main pool from the dam upstream to the Rough Creek confluence area	24	24	1	0.37	AD	NC	NC		No
2008	Nitrate	1411_02	From the Rough Creek confluence area upstream to the confluence of Little Silver Creek	11	11	1	0.37	AD	NC	NC		No
2008	Orthophosphorus	1411_01	Main pool from the dam upstream to the Rough Creek confluence area	23	23	0	0.05	AD	NC	NC		No
2008	Orthophosphorus	1411_02	From the Rough Creek confluence area upstream to the confluence of Little Silver Creek	10	10	0	0.05	AD	NC	NC		No
2008	Total Phosphorus	1411_01	Main pool from the dam upstream to the Rough Creek confluence area	23	23	2	0.20	AD	NC	NC		No
2008	Total Phosphorus	1411_02	From the Rough Creek confluence area upstream to the confluence of Little Silver Creek	10	10	1	0.20	AD	NC	NC		No



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**Segment ID:** 1411      **E. V. Spence Reservoir**

**Water body type:** Reservoir

**Water body size:** 14,950 Acres

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>General Use</b>												
<b>Water Temperature</b>												
2008	Temperature	1411_01	Main pool from the dam upstream to the Rough Creek confluence area	135	25	0	33.90	AD	FS	FS		No
2008	Temperature	1411_02	From the Rough Creek confluence area upstream to the confluence of Little Silver Creek	12	12	0	33.90	AD	FS	FS		No
<b>Public Water Supply Use</b>												
<b>Finished Drinking Water Dissolved Solids average</b>												
2008	Chloride	1411_01	Main pool from the dam upstream to the Rough Creek confluence area				300.00	OE	NC	NC		No
2008	Chloride	1411_02	From the Rough Creek confluence area upstream to the confluence of Little Silver Creek				300.00	OE	NC	NC		No
2008	Sulfate	1411_01	Main pool from the dam upstream to the Rough Creek confluence area				300.00	OE	NC	NC		No
2008	Sulfate	1411_02	From the Rough Creek confluence area upstream to the confluence of Little Silver Creek				300.00	OE	NC	NC		No
<b>Finished Drinking Water MCLs and Toxic Substances running average</b>												
2008	Multiple	1411_01	Main pool from the dam upstream to the Rough Creek confluence area					OE	FS	FS		No
2008	Multiple	1411_02	From the Rough Creek confluence area upstream to the confluence of Little Silver Creek					OE	FS	FS		No
<b>Finished Drinking Water MCLs Concern</b>												
2008	Multiple	1411_01	Main pool from the dam upstream to the Rough Creek confluence area					OE	NC	NC		No
2008	Multiple	1411_02	From the Rough Creek confluence area upstream to the confluence of Little Silver Creek					OE	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.

**Segment ID:** 1411 **E. V. Spence Reservoir**

**Water body type:** Reservoir

**Water body size:** 14,950 Acres

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2008	E. coli	1411_01	Main pool from the dam upstream to the Rough Creek confluence area	22	22	0	1.15	126.00	AD	FS	FS	No
2008	E. coli	1411_02	From the Rough Creek confluence area upstream to the confluence of Little Silver Creek	5	5	0	123.07	126.00	LD	NC	NC	No
<b>Bacteria Single Sample</b>												
2008	E. coli	1411_01	Main pool from the dam upstream to the Rough Creek confluence area	22	22	0		394.00	AD	FS	FS	No
2008	E. coli	1411_02	From the Rough Creek confluence area upstream to the confluence of Little Silver Creek	5	5	1		394.00	LD	NC	NC	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- Inadequate Data; LD- Limited Data; TR- Not Temporally Representative; SR- Not Spatially Representative; SM- Superseded by another method; JQ- Assessor Judgement; OE- Other Information Evaluated; OS- Out-of-State; AU ID - Assessment Unit ID \*Note: Carry-forward refers to impairments without sufficient information in 2008 to re-evaluate the level of support.

Segment ID: 1412 Colorado River Below Lake J. B. Thomas

Water body type: Freshwater Stream Water body size: 99 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of</u> <u>Samples</u>	<u>#</u> <u>Assessed</u>	<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> <u>Supp</u>	<u>Imp</u> <u>Category</u>	<u>Carry</u> <u>Forward</u>
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Aquatic Life Use

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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**Segment ID:** 1412 **Colorado River Below Lake J. B. Thomas**

**Water body type:** Freshwater Stream

**Water body size:** 99 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Aquatic Life Use</b>												
<b>Acute Toxic Substances in water</b>												
2006	Aluminum	1412_01	From the confluence of Little Silver Creek upstream to the confluence of Beals Creek	3	3	0	991.00	ID	NA	NA		No
2006	Aluminum	1412_02	From the confluence of Beals Creek upstream to the dam below Barber Reservoir pump station	9	9	0	991.00	LD	NC	NC		No
2006	Arsenic	1412_01	From the confluence of Little Silver Creek upstream to the confluence of Beals Creek	13	13	0	360.00	AD	FS	FS		No
2006	Arsenic	1412_02	From the confluence of Beals Creek upstream to the dam below Barber Reservoir pump station	10	10	0	360.00	AD	FS	FS		No
2006	Cadmium	1412_01	From the confluence of Little Silver Creek upstream to the confluence of Beals Creek	17	17	0	252.05	AD	FS	FS		No
2006	Cadmium	1412_02	From the confluence of Beals Creek upstream to the dam below Barber Reservoir pump station	10	10	0	252.05	AD	FS	FS		No
2006	Chromium	1412_01	From the confluence of Little Silver Creek upstream to the confluence of Beals Creek	14	14	0	2,412.96	AD	FS	FS		No
2006	Chromium	1412_02	From the confluence of Beals Creek upstream to the dam below Barber Reservoir pump station	10	10	0	2,412.96	AD	FS	FS		No
2006	Copper	1412_01	From the confluence of Little Silver Creek upstream to the confluence of Beals Creek	12	12	0	101.24	AD	FS	FS		No
2006	Copper	1412_02	From the confluence of Beals Creek upstream to the dam below Barber Reservoir pump station	10	10	0	101.24	AD	FS	FS		No
2006	Lead	1412_01	From the confluence of Little Silver Creek upstream to the confluence of Beals Creek	15	15	0	725.36	AD	FS	FS		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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**Segment ID:** 1412 **Colorado River Below Lake J. B. Thomas**

**Water body type:** Freshwater Stream

**Water body size:** 99 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Aquatic Life Use</b>												
<b>Acute Toxic Substances in water</b>												
2006	Lead	1412_02	From the confluence of Beals Creek upstream to the dam below Barber Reservoir pump station	10	10	0	725.36	AD	FS	FS		No
2006	Nickel	1412_01	From the confluence of Little Silver Creek upstream to the confluence of Beals Creek	3	3	0	6,535.37	ID	NA	NA		No
2006	Nickel	1412_02	From the confluence of Beals Creek upstream to the dam below Barber Reservoir pump station	10	10	0	6,535.37	AD	FS	FS		No
2006	Selenium	1412_02	From the confluence of Beals Creek upstream to the dam below Barber Reservoir pump station	7	7	0	20.00	LD	NC	NC		No
2006	Silver	1412_01	From the confluence of Little Silver Creek upstream to the confluence of Beals Creek	17	17	0	0.80	AD	FS	FS		No
2006	Silver	1412_02	From the confluence of Beals Creek upstream to the dam below Barber Reservoir pump station	10	10	0	0.80	AD	FS	FS		No
2006	Zinc	1412_01	From the confluence of Little Silver Creek upstream to the confluence of Beals Creek	17	17	0	529.68	AD	FS	FS		No
2006	Zinc	1412_02	From the confluence of Beals Creek upstream to the dam below Barber Reservoir pump station	10	10	0	529.68	AD	FS	FS		No

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<b>Aquatic Life Use</b>												
<b>Chronic Toxic Substances in water</b>												
2006	Arsenic	1412_01	From the confluence of Little Silver Creek upstream to the confluence of Beals Creek	13	13	3.88	190.00	AD	FS	FS		No
2006	Arsenic	1412_02	From the confluence of Beals Creek upstream to the dam below Barber Reservoir pump station	10	10	6.73	190.00	AD	FS	FS		No
2006	Cadmium	1412_01	From the confluence of Little Silver Creek upstream to the confluence of Beals Creek	17	17	0.14	4.27	AD	FS	FS		No
2006	Cadmium	1412_02	From the confluence of Beals Creek upstream to the dam below Barber Reservoir pump station	10	10	2.60	4.27	AD	FS	FS		No
2006	Chromium	1412_01	From the confluence of Little Silver Creek upstream to the confluence of Beals Creek	14	14	0.66	782.74	AD	FS	FS		No
2006	Chromium	1412_02	From the confluence of Beals Creek upstream to the dam below Barber Reservoir pump station	10	10	2.29	782.74	AD	FS	FS		No
2006	Copper	1412_01	From the confluence of Little Silver Creek upstream to the confluence of Beals Creek	12	12	0.99	57.60	AD	FS	FS		No
2006	Copper	1412_02	From the confluence of Beals Creek upstream to the dam below Barber Reservoir pump station	10	10	7.39	57.60	AD	FS	FS		No
2006	Lead	1412_01	From the confluence of Little Silver Creek upstream to the confluence of Beals Creek	15	15	0.71	25.18	AD	FS	FS		No
2006	Lead	1412_02	From the confluence of Beals Creek upstream to the dam below Barber Reservoir pump station	10	10	2.13	25.18	AD	FS	FS		No
2006	Nickel	1412_01	From the confluence of Little Silver Creek upstream to the confluence of Beals Creek	3	3	1.05	725.81	ID	NA	NA		No

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**Water body type:** Freshwater Stream

**Water body size:** 99 Miles

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<b>Aquatic Life Use</b>												
<b>Chronic Toxic Substances in water</b>												
2006	Nickel	1412_02	From the confluence of Beals Creek upstream to the dam below Barber Reservoir pump station	10	10	6.75	725.81	AD	FS	FS		No
2006	Selenium	1412_02	From the confluence of Beals Creek upstream to the dam below Barber Reservoir pump station	7	7	7.61	5.00	LD	FS	FS		No
2006	Zinc	1412_01	From the confluence of Little Silver Creek upstream to the confluence of Beals Creek	17	17	31.62	483.68	AD	FS	FS		No
2006	Zinc	1412_02	From the confluence of Beals Creek upstream to the dam below Barber Reservoir pump station	10	10	3.05	483.68	AD	FS	FS		No
<b>Dissolved Oxygen 24hr average</b>												
2008	Dissolved Oxygen 24hr Avg	1412_02	From the confluence of Beals Creek upstream to the dam below Barber Reservoir pump station	3	3	1	3.00	ID	NA	NA		No
<b>Dissolved Oxygen 24hr minimum</b>												
2008	Dissolved Oxygen 24hr Min	1412_02	From the confluence of Beals Creek upstream to the dam below Barber Reservoir pump station	3	3	1	3.00	ID	NA	NA		No

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### Aquatic Life Use

#### **Dissolved Oxygen grab minimum**

2008	Dissolved Oxygen Grab	1412_01	From the confluence of Little Silver Creek upstream to the confluence of Beals Creek	154	154	1	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	1412_02	From the confluence of Beals Creek upstream to the dam below Barber Reservoir pump station	89	89	2	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	1412_03	From the dam below Barber Reservoir pump station upstream to the confluence of Deep Creek	76	76	1	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	1412_04	From the confluence of Deep Creek upstream to the Confluence of Willow Creek	64	64	1	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	1412_05	From the confluence of Willow Creek upstream to Lake J.B. Thomas dam	64	64	1	3.00	AD	FS	FS		No

#### **Dissolved Oxygen grab screening level**

2008	Dissolved Oxygen Grab	1412_01	From the confluence of Little Silver Creek upstream to the confluence of Beals Creek	154	154	5	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	1412_02	From the confluence of Beals Creek upstream to the dam below Barber Reservoir pump station	89	89	11	5.00	AD	CS	CS		No
2008	Dissolved Oxygen Grab	1412_03	From the dam below Barber Reservoir pump station upstream to the confluence of Deep Creek	76	76	3	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	1412_04	From the confluence of Deep Creek upstream to the Confluence of Willow Creek	64	64	6	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	1412_05	From the confluence of Willow Creek upstream to Lake J.B. Thomas dam	64	64	4	5.00	AD	NC	NC		No



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<b>Aquatic Life Use</b>												
<b>Toxic Substances in sediment</b>												
2008	Metals	1412_02	From the confluence of Beals Creek upstream to the dam below Barber Reservoir pump station	2	2	0		ID	NA	NA		No
<b>Fish Consumption Use</b>												
<b>HH Bioaccumulative Toxics in water</b>												
2006	Chromium	1412_01	From the confluence of Little Silver Creek upstream to the confluence of Beals Creek	12	12	0.73	3,320.00	AD	FS	FS		No
2006	Chromium	1412_02	From the confluence of Beals Creek upstream to the dam below Barber Reservoir pump station	10	10	2.28	3,320.00	AD	FS	FS		No
2006	Lead	1412_01	From the confluence of Little Silver Creek upstream to the confluence of Beals Creek	14	14	0.73	25.30	AD	FS	FS		No
2006	Lead	1412_02	From the confluence of Beals Creek upstream to the dam below Barber Reservoir pump station	10	10	2.13	25.30	AD	FS	FS		No

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General Use

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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<b>General Use</b>												
<b>Dissolved Solids</b>												
2008	Chloride	1412_01	From the confluence of Little Silver Creek upstream to the confluence of Beals Creek	429	429	2,343.91	11,000.00	AD	FS	FS		No
2008	Chloride	1412_02	From the confluence of Beals Creek upstream to the dam below Barber Reservoir pump station	429	429	2,343.91	11,000.00	AD	FS	FS		No
2008	Chloride	1412_03	From the dam below Barber Reservoir pump station upstream to the confluence of Deep Creek	429	429	2,343.91	11,000.00	AD	FS	FS		No
2008	Chloride	1412_04	From the confluence of Deep Creek upstream to the Confluence of Willow Creek	429	429	2,343.91	11,000.00	AD	FS	FS		No
2008	Chloride	1412_05	From the confluence of Willow Creek upstream to Lake J.B. Thomas dam	429	429	2,343.91	11,000.00	AD	FS	FS		No
2008	Sulfate	1412_01	From the confluence of Little Silver Creek upstream to the confluence of Beals Creek	430	430	957.67	2,500.00	AD	FS	FS		No
2008	Sulfate	1412_02	From the confluence of Beals Creek upstream to the dam below Barber Reservoir pump station	430	430	957.67	2,500.00	AD	FS	FS		No
2008	Sulfate	1412_03	From the dam below Barber Reservoir pump station upstream to the confluence of Deep Creek	430	430	957.67	2,500.00	AD	FS	FS		No
2008	Sulfate	1412_04	From the confluence of Deep Creek upstream to the Confluence of Willow Creek	430	430	957.67	2,500.00	AD	FS	FS		No
2008	Sulfate	1412_05	From the confluence of Willow Creek upstream to Lake J.B. Thomas dam	430	430	957.67	2,500.00	AD	FS	FS		No
2008	Total Dissolved Solids	1412_01	From the confluence of Little Silver Creek upstream to the confluence of Beals Creek	460	460	5,134.16	20,000.00	AD	FS	FS		No

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<b>General Use</b>												
<b>Dissolved Solids</b>												
2008	Total Dissolved Solids	1412_02	From the confluence of Beals Creek upstream to the dam below Barber Reservoir pump station	460	460		5,134.16	20,000.00	AD	FS	FS	No
2008	Total Dissolved Solids	1412_03	From the dam below Barber Reservoir pump station upstream to the confluence of Deep Creek	460	460		5,134.16	20,000.00	AD	FS	FS	No
2008	Total Dissolved Solids	1412_04	From the confluence of Deep Creek upstream to the Confluence of Willow Creek	460	460		5,134.16	20,000.00	AD	FS	FS	No
2008	Total Dissolved Solids	1412_05	From the confluence of Willow Creek upstream to Lake J.B. Thomas dam	460	460		5,134.16	20,000.00	AD	FS	FS	No
<b>High pH</b>												
2008	pH	1412_01	From the confluence of Little Silver Creek upstream to the confluence of Beals Creek	149	149	0		9.00	AD	FS	FS	No
2008	pH	1412_02	From the confluence of Beals Creek upstream to the dam below Barber Reservoir pump station	84	84	0		9.00	AD	FS	FS	No
2008	pH	1412_03	From the dam below Barber Reservoir pump station upstream to the confluence of Deep Creek	67	67	0		9.00	AD	FS	FS	No
2008	pH	1412_04	From the confluence of Deep Creek upstream to the Confluence of Willow Creek	63	63	0		9.00	AD	FS	FS	No
2008	pH	1412_05	From the confluence of Willow Creek upstream to Lake J.B. Thomas dam	47	47	0		9.00	AD	FS	FS	No

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### General Use

#### Low pH

2008	pH	1412_01	From the confluence of Little Silver Creek upstream to the confluence of Beals Creek	149	149	0	6.50	AD	FS	FS		No
2008	pH	1412_02	From the confluence of Beals Creek upstream to the dam below Barber Reservoir pump station	84	84	0	6.50	AD	FS	FS		No
2008	pH	1412_03	From the dam below Barber Reservoir pump station upstream to the confluence of Deep Creek	67	67	0	6.50	AD	FS	FS		No
2008	pH	1412_04	From the confluence of Deep Creek upstream to the Confluence of Willow Creek	63	63	0	6.50	AD	FS	FS		No
2008	pH	1412_05	From the confluence of Willow Creek upstream to Lake J.B. Thomas dam	47	47	0	6.50	AD	FS	FS		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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**Segment ID: 1412 Colorado River Below Lake J. B. Thomas**

**Water body type:** Freshwater Stream

**Water body size:** 99 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2008	Ammonia	1412_01	From the confluence of Little Silver Creek upstream to the confluence of Beals Creek	27	27	0	0.33	AD	NC	NC		No
2008	Ammonia	1412_02	From the confluence of Beals Creek upstream to the dam below Barber Reservoir pump station	26	26	1	0.33	AD	NC	NC		No
2008	Ammonia	1412_03	From the dam below Barber Reservoir pump station upstream to the confluence of Deep Creek	13	13	0	0.33	AD	NC	NC		No
2008	Ammonia	1412_04	From the confluence of Deep Creek upstream to the Confluence of Willow Creek	0	0	0	0.33	ID	NA	NA		No
2008	Ammonia	1412_05	From the confluence of Willow Creek upstream to Lake J.B. Thomas dam	0	0		0.33	ID	NA	NA		No
2008	Chlorophyll-a	1412_01	From the confluence of Little Silver Creek upstream to the confluence of Beals Creek	11	11	8	14.10	AD	CS	CS		No
2008	Chlorophyll-a	1412_02	From the confluence of Beals Creek upstream to the dam below Barber Reservoir pump station	25	25	18	14.10	AD	CS	CS		No
2008	Chlorophyll-a	1412_03	From the dam below Barber Reservoir pump station upstream to the confluence of Deep Creek	11	11	9	14.10	AD	CS	CS		No
2008	Chlorophyll-a	1412_04	From the confluence of Deep Creek upstream to the Confluence of Willow Creek	0	0	0	14.10	ID	NA	NA		No
2008	Chlorophyll-a	1412_05	From the confluence of Willow Creek upstream to Lake J.B. Thomas dam	0	0		14.10	ID	NA	NA		No
2008	Nitrate	1412_01	From the confluence of Little Silver Creek upstream to the confluence of Beals Creek	88	88	0	1.95	AD	NC	NC		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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**Segment ID:** 1412 **Colorado River Below Lake J. B. Thomas**

**Water body type:** Freshwater Stream

**Water body size:** 99 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2008	Nitrate	1412_02	From the confluence of Beals Creek upstream to the dam below Barber Reservoir pump station	55	55	1	1.95	AD	NC	NC		No
2008	Nitrate	1412_03	From the dam below Barber Reservoir pump station upstream to the confluence of Deep Creek	45	45	3	1.95	AD	NC	NC		No
2008	Nitrate	1412_04	From the confluence of Deep Creek upstream to the Confluence of Willow Creek	29	29	0	1.95	AD	NC	NC		No
2008	Nitrate	1412_05	From the confluence of Willow Creek upstream to Lake J.B. Thomas dam	29	29	0	1.95	AD	NC	NC		No
2008	Orthophosphorus	1412_01	From the confluence of Little Silver Creek upstream to the confluence of Beals Creek	25	25	0	0.37	AD	NC	NC		No
2008	Orthophosphorus	1412_02	From the confluence of Beals Creek upstream to the dam below Barber Reservoir pump station	25	25	2	0.37	AD	NC	NC		No
2008	Orthophosphorus	1412_03	From the dam below Barber Reservoir pump station upstream to the confluence of Deep Creek	12	12	0	0.37	AD	NC	NC		No
2008	Orthophosphorus	1412_04	From the confluence of Deep Creek upstream to the Confluence of Willow Creek	0	0	0	0.37	ID	NA	NA		No
2008	Orthophosphorus	1412_05	From the confluence of Willow Creek upstream to Lake J.B. Thomas dam	0	0		0.37	ID	NA	NA		No
2008	Total Phosphorus	1412_01	From the confluence of Little Silver Creek upstream to the confluence of Beals Creek	13	13	0	0.69	AD	NC	NC		No
2008	Total Phosphorus	1412_02	From the confluence of Beals Creek upstream to the dam below Barber Reservoir pump station	25	25	0	0.69	AD	NC	NC		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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### Segment ID: 1412 Colorado River Below Lake J. B. Thomas

**Water body type:** Freshwater Stream

**Water body size:** 99 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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#### General Use

#### Nutrient Screening Levels

2008	Total Phosphorus	1412_03	From the dam below Barber Reservoir pump station upstream to the confluence of Deep Creek	13	13	0	0.69	AD	NC	NC		No
2008	Total Phosphorus	1412_04	From the confluence of Deep Creek upstream to the Confluence of Willow Creek	0	0	0	0.69	ID	NA	NA		No
2008	Total Phosphorus	1412_05	From the confluence of Willow Creek upstream to Lake J.B. Thomas dam	0	0		0.69	ID	NA	NA		No

#### Water Temperature

2008	Temperature	1412_01	From the confluence of Little Silver Creek upstream to the confluence of Beals Creek	164	164	0	33.90	AD	FS	FS		No
2008	Temperature	1412_02	From the confluence of Beals Creek upstream to the dam below Barber Reservoir pump station	109	109	0	33.90	AD	FS	FS		No
2008	Temperature	1412_03	From the dam below Barber Reservoir pump station upstream to the confluence of Deep Creek	88	88	0	33.90	AD	FS	FS		No
2008	Temperature	1412_04	From the confluence of Deep Creek upstream to the Confluence of Willow Creek	63	63	0	33.90	AD	FS	FS		No
2008	Temperature	1412_05	From the confluence of Willow Creek upstream to Lake J.B. Thomas dam	49	49	0	33.90	AD	FS	FS		No



## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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### Segment ID: 1412 Colorado River Below Lake J. B. Thomas

**Water body type:** Freshwater Stream

**Water body size:** 99 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2008	E. coli	1412_01	From the confluence of Little Silver Creek upstream to the confluence of Beals Creek	14	14	0	27.70	126.00	AD	FS	FS	No
2008	E. coli	1412_02	From the confluence of Beals Creek upstream to the dam below Barber Reservoir pump station	18	18	1	170.80	126.00	AD	NS	NS	5c No
2008	E. coli	1412_03	From the dam below Barber Reservoir pump station upstream to the confluence of Deep Creek	15	15	0	53.71	126.00	AD	FS	FS	No
2008	Enterococcus	1412_02	From the confluence of Beals Creek upstream to the dam below Barber Reservoir pump station	1	1	1	470.00	35.00	ID	NA	NA	No
2008	Fecal coliform	1412_02	From the confluence of Beals Creek upstream to the dam below Barber Reservoir pump station	15	15	0	78.29	200.00	SM	NA	NA	No
<b>Bacteria Single Sample</b>												
2008	E. coli	1412_01	From the confluence of Little Silver Creek upstream to the confluence of Beals Creek	14	14	0		394.00	AD	FS	FS	No
2008	E. coli	1412_02	From the confluence of Beals Creek upstream to the dam below Barber Reservoir pump station	18	18	8		394.00	AD	NS	NS	5c No
2008	E. coli	1412_03	From the dam below Barber Reservoir pump station upstream to the confluence of Deep Creek	15	15	2		394.00	AD	FS	FS	No
2008	Enterococcus	1412_02	From the confluence of Beals Creek upstream to the dam below Barber Reservoir pump station	1	1	1		89.00	ID	NA	NA	No
2008	Fecal coliform	1412_02	From the confluence of Beals Creek upstream to the dam below Barber Reservoir pump station	15	15	4		400.00	SM	NA	NA	No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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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: 1412A Lake Colorado City (unclassified water body)

**Water body type:** Reservoir

**Water body size:** 1,612 Acres

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Aquatic Life Use</b>												
<b>Acute Toxic Substances in water</b>												
2006	Metals	1412A_01	Entire water body	2	2	0		ID	NA	NA		No
<b>Chronic Toxic Substances in water</b>												
2006	Metals	1412A_01	Entire water body	2	2			ID	NA	NA		No
<b>Dissolved Oxygen grab minimum</b>												
2006	Dissolved Oxygen Grab	1412A_01	Entire water body	36	36	0	3.00	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	1412A_01	Entire water body	36	36	0	5.00	AD	NC	NC		No
<b>Toxic Substances in sediment</b>												
2006	Manganese	1412A_01	Entire water body	2	2	1	1,100.00	ID	NA	NA		No
2006	Metals	1412A_01	Entire water body	2	2	0		ID	NA	NA		No
<b>Fish Consumption Use</b>												
<b>HH Bioaccumulative Toxics in water</b>												
2006	Multiple	1412A_01	Entire water body	2	2			ID	NA	NA		No
<b>General Use</b>												
<b>Fish Kill Reports</b>												
2006	Golden Alga	1412A_01	Entire water body	3	3			OE	CN	CN		No
<b>Nutrient Screening Levels</b>												
2006	Ammonia	1412A_01	Entire water body	4	4	0	0.11	LD	NC	NC		No
2006	Chlorophyll-a	1412A_01	Entire water body	4	4	2	26.70	LD	CS	CS		No
2006	Nitrate	1412A_01	Entire water body	14	14	0	0.37	AD	NC	NC		No
2006	Orthophosphorus	1412A_01	Entire water body	4	4	0	0.05	LD	NC	NC		No
2006	Total Phosphorus	1412A_01	Entire water body	4	4	0	0.20	LD	NC	NC		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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**Segment ID:** 1412A **Lake Colorado City (unclassified water body)**

**Water body type:** Reservoir

**Water body size:** 1,612 Acres

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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### Public Water Supply Use

#### Finished Drinking Water Dissolved Solids average

2006	Multiple	1412A_01	Entire water body					OE	NC	NC		No
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#### Finished Drinking Water MCLs and Toxic Substances running average

2006	Multiple	1412A_01	Entire water body					OE	FS	FS		No
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#### Finished Drinking Water MCLs Concern

2006	Multiple	1412A_01	Entire water body					OE	NC	NC		No
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#### Surface Water HH criteria for PWS average

2006	Multiple	1412A_01	Entire water body	3	3			ID	NA	NA		No
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### Recreation Use

#### Bacteria Geomean

2006	E. coli	1412A_01	Entire water body	2	2		8.00	126.00	ID	NA	NA	No
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2006	Fecal coliform	1412A_01	Entire water body	4	4		3.00	200.00	LD	NC	NC	No
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#### Bacteria Single Sample

2006	E. coli	1412A_01	Entire water body	2	2	0		394.00	ID	NA	NA	No
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2006	Fecal coliform	1412A_01	Entire water body	4	4	0		400.00	LD	NC	NC	No
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2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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Segment ID: 1412B Beals Creek (unclassified water body)

Water body type: Freshwater Stream Water body size: 73 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of</u> <u>Samples</u>	<u>#</u> <u>Assessed</u>	<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> <u>Supp</u>	<u>Imp</u> <u>Category</u>	<u>Carry</u> <u>Forward</u>
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Aquatic Life Use

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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**Segment ID:** 1412B      **Beals Creek (unclassified water body)**

**Water body type:** Freshwater Stream

**Water body size:** 73 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Aquatic Life Use</b>												
<b>Acute Toxic Substances in water</b>												
2006	Aluminum	1412B_01	From the confluence with the Colorado River upstream to the confluence of Bull Creek	3	3	0	991.00	ID	NA	NA		No
2006	Arsenic	1412B_01	From the confluence with the Colorado River upstream to the confluence of Bull Creek	4	4	0	360.00	LD	NC	NC		No
2006	Cadmium	1412B_01	From the confluence with the Colorado River upstream to the confluence of Bull Creek	5	5	0	252.05	LD	NC	NC		No
2006	Chromium	1412B_01	From the confluence with the Colorado River upstream to the confluence of Bull Creek	4	4	0	2,412.96	LD	NC	NC		No
2006	Copper	1412B_01	From the confluence with the Colorado River upstream to the confluence of Bull Creek	4	4	0	725.36	LD	NC	NC		No
2006	Lead	1412B_01	From the confluence with the Colorado River upstream to the confluence of Bull Creek	5	5	0	725.36	LD	NC	NC		No
2006	Multiple	1412B_03	From the confluence of Gutherie Draw upstream to the confluence of Mustang Draw and Sulphur Springs Draw	4	4	0		TR	NA	NA		No
2006	Nickel	1412B_01	From the confluence with the Colorado River upstream to the confluence of Bull Creek	4	4	0	6,535.37	LD	NC	NC		No
2006	Selenium	1412B_01	From the confluence with the Colorado River upstream to the confluence of Bull Creek	3	3	0	20.00	ID	NC	NC		No

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**Segment ID:** 1412B      **Beals Creek (unclassified water body)**

**Water body type:** Freshwater Stream

**Water body size:** 73 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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### Aquatic Life Use

#### **Acute Toxic Substances in water**

2006	Selenium	1412B_03	From the confluence of Gutherie Draw upstream to the confluence of Mustang Draw and Sulphur Springs Draw	4	4	2	20.00	TR	NA	NA		No
2006	Silver	1412B_01	From the confluence with the Colorado River upstream to the confluence of Bull Creek	5	5	0	0.80	LD	NC	NC		No
2006	Zinc	1412B_01	From the confluence with the Colorado River upstream to the confluence of Bull Creek	4	4	0	483.68	LD	NC	NC		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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**Segment ID:** 1412B      **Beals Creek (unclassified water body)**

**Water body type:** Freshwater Stream

**Water body size:** 73 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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### Aquatic Life Use

#### **Chronic Toxic Substances in water**

2006	Arsenic	1412B_01	From the confluence with the Colorado River upstream to the confluence of Bull Creek	4	4		4.15	190.00	LD	NC	NC	No
2006	Cadmium	1412B_01	From the confluence with the Colorado River upstream to the confluence of Bull Creek	5	5		2.00	4.27	LD	NC	NC	No
2006	Chromium	1412B_01	From the confluence with the Colorado River upstream to the confluence of Bull Creek	4	4		3.28	782.74	LD	NC	NC	No
2006	Copper	1412B_01	From the confluence with the Colorado River upstream to the confluence of Bull Creek	4	4		3.28	57.60	LD	NC	NC	No
2006	Lead	1412B_01	From the confluence with the Colorado River upstream to the confluence of Bull Creek	5	5		1.36	25.18	LD	NC	NC	No
2006	Multiple	1412B_03	From the confluence of Gutherie Draw upstream to the confluence of Mustang Draw and Sulphur Springs Draw	4	4	0			TR	NA	NA	No
2006	Nickel	1412B_01	From the confluence with the Colorado River upstream to the confluence of Bull Creek	4	4		6.31	725.81	LD	NC	NC	No
2006	Selenium	1412B_01	From the confluence with the Colorado River upstream to the confluence of Bull Creek	3	3		4.76	5.00	ID	NA	NA	No
2006	Selenium	1412B_03	From the confluence of Gutherie Draw upstream to the confluence of Mustang Draw and Sulphur Springs Draw	4	4		25.70	5.00	TR	NA	NA	No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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### Segment ID: 1412B Beals Creek (unclassified water body)

**Water body type:** Freshwater Stream

**Water body size:** 73 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Aquatic Life Use</b>												
<b>Chronic Toxic Substances in water</b>												
2006	Zinc	1412B_01	From the confluence with the Colorado River upstream to the confluence of Bull Creek	4	4		3.50	483.68	LD	NC	NC	No
<b>Dissolved Oxygen grab minimum</b>												
2006	Dissolved Oxygen Grab	1412B_01	From the confluence with the Colorado River upstream to the confluence of Bull Creek	36	36	0		2.00	AD	FS	FS	No
2006	Dissolved Oxygen Grab	1412B_02	From the confluence of Bull Creek upstream to the confluence of Guthrie Draw	47	47	0		2.00	AD	FS	FS	No
2006	Dissolved Oxygen Grab	1412B_03	From the confluence of Guthrie Draw upstream to the confluence of Mustang Draw and Sulphur Springs Draw	100	100	3		2.00	AD	FS	FS	No
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	1412B_01	From the confluence with the Colorado River upstream to the confluence of Bull Creek	36	36	0		3.00	AD	NC	NC	No
2006	Dissolved Oxygen Grab	1412B_02	From the confluence of Bull Creek upstream to the confluence of Guthrie Draw	47	47	0		3.00	AD	NC	NC	No
2006	Dissolved Oxygen Grab	1412B_03	From the confluence of Guthrie Draw upstream to the confluence of Mustang Draw and Sulphur Springs Draw	100	100	6		3.00	AD	NC	NC	No
<b>Toxic Substances in sediment</b>												
2006	Metals	1412B_01	From the confluence with the Colorado River upstream to the confluence of Bull Creek	1	1	0		ID	NA	NA		No
2006	Metals	1412B_03	From the confluence of Guthrie Draw upstream to the confluence of Mustang Draw and Sulphur Springs Draw	4	4	0		LD	NC	NC		No



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**Segment ID:** 1412B      **Beals Creek (unclassified water body)**

**Water body type:** Freshwater Stream

**Water body size:** 73 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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### Fish Consumption Use

#### **HH Bioaccumulative Toxics in water**

2006	Chromium	1412B_01	From the confluence with the Colorado River upstream to the confluence of Bull Creek	3	3		2.32	3,320.00	ID	NA	NA	No
2006	Chromium	1412B_03	From the confluence of Guthrie Draw upstream to the confluence of Mustang Draw and Sulphur Springs Draw	4	4		2.11	3,320.00	TR	NA	NA	No
2006	Lead	1412B_01	From the confluence with the Colorado River upstream to the confluence of Bull Creek	4	4		1.40	1.45	LD	NC	NC	No
2006	Lead	1412B_03	From the confluence of Guthrie Draw upstream to the confluence of Mustang Draw and Sulphur Springs Draw	4	4		0.50	25.30	TR	NA	NA	No

2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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Segment ID: 1412B Beals Creek (unclassified water body)

Water body type: Freshwater Stream Water body size: 73 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of</u> <u>Samples</u>	<u>#</u> <u>Assessed</u>	<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> <u>Supp</u>	<u>Imp</u> <u>Category</u>	<u>Carry</u> <u>Forward</u>
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General Use

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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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: 1412B Beals Creek (unclassified water body)

**Water body type:** Freshwater Stream

**Water body size:** 73 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2006	Ammonia	1412B_01	From the confluence with the Colorado River upstream to the confluence of Bull Creek	11	11	0	0.33	AD	NC	NC		No
2006	Ammonia	1412B_02	From the confluence of Bull Creek upstream to the confluence of Guthrie Draw	1	1	0	0.33	ID	NA	NA		No
2006	Ammonia	1412B_03	From the confluence of Guthrie Draw upstream to the confluence of Mustang Draw and Sulphur Springs Draw	35	35	12	0.33	AD	CS	CS		No
2006	Chlorophyll-a	1412B_01	From the confluence with the Colorado River upstream to the confluence of Bull Creek	10	10	3	14.10	AD	NC	NC		No
2006	Chlorophyll-a	1412B_02	From the confluence of Bull Creek upstream to the confluence of Guthrie Draw	1	1	1	14.10	ID	NA	NA		No
2006	Chlorophyll-a	1412B_03	From the confluence of Guthrie Draw upstream to the confluence of Mustang Draw and Sulphur Springs Draw	4	4	1	14.10	LD	NC	NC		No
2006	Nitrate	1412B_01	From the confluence with the Colorado River upstream to the confluence of Bull Creek	29	29	0	1.95	AD	NC	NC		No
2006	Nitrate	1412B_02	From the confluence of Bull Creek upstream to the confluence of Guthrie Draw	30	30	3	1.95	AD	NC	NC		No
2006	Nitrate	1412B_03	From the confluence of Guthrie Draw upstream to the confluence of Mustang Draw and Sulphur Springs Draw	73	73	41	1.95	AD	CS	CS		No
2006	Orthophosphorus	1412B_01	From the confluence with the Colorado River upstream to the confluence of Bull Creek	11	11	0	0.37	AD	NC	NC		No
2006	Orthophosphorus	1412B_02	From the confluence of Bull Creek upstream to the confluence of Guthrie Draw	1	1	0	0.37	ID	NA	NA		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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**Segment ID:** 1412B      **Beals Creek (unclassified water body)**

**Water body type:** Freshwater Stream

**Water body size:** 73 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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### General Use

#### Nutrient Screening Levels

2006	Orthophosphorus	1412B_03	From the confluence of Guthrie Draw upstream to the confluence of Mustang Draw and Sulphur Springs Draw	36	36	27	0.37	AD	CS	CS		No
2006	Total Phosphorus	1412B_01	From the confluence with the Colorado River upstream to the confluence of Bull Creek	10	10	0	0.69	AD	NC	NC		No
2006	Total Phosphorus	1412B_02	From the confluence of Bull Creek upstream to the confluence of Guthrie Draw	1	1	0	0.69	ID	NA	NA		No
2006	Total Phosphorus	1412B_03	From the confluence of Guthrie Draw upstream to the confluence of Mustang Draw and Sulphur Springs Draw	36	36	35	0.69	AD	CS	CS		No

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**Segment ID: 1412B Beals Creek (unclassified water body)**

**Water body type:** Freshwater Stream

**Water body size:** 73 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2006 E. coli	1412B_01	From the confluence with the Colorado River upstream to the confluence of Bull Creek	10	10		68.00	126.00	AD	FS	FS		No
2006 E. coli	1412B_03	From the confluence of Guthrie Draw upstream to the confluence of Mustang Draw and Sulphur Springs Draw	7	7		375.00	126.00	LD	CN	CN		No
2006 Fecal coliform	1412B_01	From the confluence with the Colorado River upstream to the confluence of Bull Creek	8	8		98.00	200.00	LD	NC	NC		No
<b>Bacteria Single Sample</b>												
2006 E. coli	1412B_01	From the confluence with the Colorado River upstream to the confluence of Bull Creek	10	10	1		394.00	AD	FS	FS		No
2006 E. coli	1412B_03	From the confluence of Guthrie Draw upstream to the confluence of Mustang Draw and Sulphur Springs Draw	7	7	4		394.00	LD	CN	CN		No
2006 Fecal coliform	1412B_01	From the confluence with the Colorado River upstream to the confluence of Bull Creek	8	8	1		400.00	LD	NC	NC		No

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**Segment ID:** 1413      **Lake J. B. Thomas**

**Water body type:** Reservoir

**Water body size:** 7,808 Acres

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Aquatic Life Use</b>												
<b>Acute Toxic Substances in water</b>												
2006	Metals	1413_01	Entire water body	2	2	0		ID	NA	NA		No
<b>Chronic Toxic Substances in water</b>												
2006	Metals	1413_01	Entire water body	2	2			ID	NA	NA		No
<b>Dissolved Oxygen grab minimum</b>												
2008	Dissolved Oxygen Grab	1413_01	Entire water body	64	11	0	3.00	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2008	Dissolved Oxygen Grab	1413_01	Entire water body	64	11	0	5.00	AD	NC	NC		No
<b>Toxic Substances in sediment</b>												
2006	Metals	1413_01	Entire water body	2	2	0		ID	NA	NA		No
<b>Fish Consumption Use</b>												
<b>HH Bioaccumulative Toxics in water</b>												
2006	Chromium	1413_01	Entire water body	2	2		1.75	100.00	ID	NA	NA	No
2006	Lead	1413_01	Entire water body	2	2		0.50	4.98	ID	NA	NA	No

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**Segment ID:** 1413      **Lake J. B. Thomas**

**Water body type:** Reservoir

**Water body size:** 7,808 Acres

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>General Use</b>												
<b>Dissolved Solids</b>												
2008	Chloride	1413_01	Entire water body	10	10	88.11	80.00	AD	NS	NS	5c	No
2008	Sulfate	1413_01	Entire water body	10	10	75.81	110.00	AD	FS	FS		No
2008	Total Dissolved Solids	1413_01	Entire water body	11	11	435.83	500.00	AD	FS	FS		No
<b>High pH</b>												
2008	pH	1413_01	Entire water body	64	11	0	9.00	AD	FS	FS		No
<b>Low pH</b>												
2008	pH	1413_01	Entire water body	64	11	0	6.50	AD	FS	FS		No
<b>Nutrient Screening Levels</b>												
2008	Ammonia	1413_01	Entire water body	10	10	0	0.11	AD	NC	NC		No
2008	Chlorophyll-a	1413_01	Entire water body	10	10	1	26.70	AD	NC	NC		No
2008	Nitrate	1413_01	Entire water body	10	10	0	0.37	AD	NC	NC		No
2008	Orthophosphorus	1413_01	Entire water body	10	10	0	0.05	AD	NC	NC		No
2008	Total Phosphorus	1413_01	Entire water body	10	10	0	0.20	AD	NC	NC		No
<b>Water Temperature</b>												
2008	Temperature	1413_01	Entire water body	64	11	0	32.20	AD	FS	FS		No
<b>Public Water Supply Use</b>												
<b>Finished Drinking Water Dissolved Solids average</b>												
2008	Multiple	1413_01	Entire water body					OE	NC	NC		No
<b>Finished Drinking Water MCLs and Toxic Substances running average</b>												
2008	Multiple	1413_01	Entire water body					OE	FS	FS		No
<b>Finished Drinking Water MCLs Concern</b>												
2008	Multiple	1413_01	Entire water body					OE	NC	NC		No
<b>Surface Water HH criteria for PWS average</b>												
2006	Multiple	1413_01	Entire water body	2	2			ID	NA	NA		No

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**Segment ID:** 1413      **Lake J. B. Thomas**

**Water body type:** Reservoir

**Water body size:** 7,808 Acres

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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### Recreation Use

#### **Bacteria Geomean**

2008	E. coli	1413_01	Entire water body	9	9	0	0.90	126.00	LD	NC	NC	No
2008	Fecal coliform	1413_01	Entire water body	3	3	0	2.29	200.00	ID	NA	NA	No

#### **Bacteria Single Sample**

2008	E. coli	1413_01	Entire water body	9	9	0		394.00	LD	NC	NC	No
2008	Fecal coliform	1413_01	Entire water body	3	3	0		400.00	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: 1414 Pedernales River

**Water body type:** Freshwater Stream

**Water body size:** 125 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Aquatic Life Use</b>												
<b>Dissolved Oxygen 24hr average</b>												
2008	Dissolved Oxygen 24hr Avg	1414_01	End of segment to falls in Pedernales Falls State Park	3	3	0	5.00	ID	NA	NA		No
<b>Dissolved Oxygen 24hr minimum</b>												
2008	Dissolved Oxygen 24hr Min	1414_01	End of segment to falls in Pedernales Falls State Park	3	3	0	3.00	ID	NA	NA		No
<b>Dissolved Oxygen grab minimum</b>												
2008	Dissolved Oxygen Grab	1414_01	End of segment to falls in Pedernales Falls State Park	71	67	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	1414_02	Pedernales Falls to Johnson City Dam	45	42	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	1414_03	Johnson City Dam to Gillespie County line	45	42	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	1414_04	Gillespie County line to Gellermann Lane	49	49	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	1414_05	Gellermann Lane to Live Oak Creek	68	63	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	1414_06	Remainder of segment	0	0	0	3.00	ID	NA	NA		No
<b>Dissolved Oxygen grab screening level</b>												
2008	Dissolved Oxygen Grab	1414_01	End of segment to falls in Pedernales Falls State Park	71	67	0	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	1414_02	Pedernales Falls to Johnson City Dam	45	42	0	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	1414_03	Johnson City Dam to Gillespie County line	45	42	0	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	1414_04	Gillespie County line to Gellermann Lane	49	49	0	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	1414_05	Gellermann Lane to Live Oak Creek	68	63	1	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	1414_06	Remainder of segment	0	0			ID	NA	NA		No
<b>Fish Community</b>												
2008	Fish Community	1414_01	End of segment to falls in Pedernales Falls State Park	3	3		50.00	AD	FS	FS		No
<b>Habitat</b>												
2008	Habitat	1414_01	End of segment to falls in Pedernales Falls State Park	2	2		22.00	AD	NC	NC		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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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: 1414 Pedernales River**

**Water body type:** Freshwater Stream

**Water body size:** 125 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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### Aquatic Life Use

#### Macrobenthic Community

2008	Macrobenthic Community	1414_01	End of segment to falls in Pedernales Falls State Park	3	3		37.00	29.00	AD	FS	FS	No
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#### Toxic Substances in sediment

2008	Metals	1414_02	Pedernales Falls to Johnson City Dam	3	3	0		ID	NA	NA		No
2008	Organics	1414_02	Pedernales Falls to Johnson City Dam	2	2	0		ID	NA	NA		No

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**Segment ID: 1414 Pedernales River**

**Water body type:** Freshwater Stream

**Water body size:** 125 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>General Use</b>												
<b>Dissolved Solids</b>												
2008	Chloride	1414_01	End of segment to falls in Pedernales Falls State Park	187	187	49.81	125.00	AD	FS	FS		No
2008	Chloride	1414_02	Pedernales Falls to Johnson City Dam	187	187	49.81	125.00	AD	FS	FS		No
2008	Chloride	1414_03	Johnson City Dam to Gillespie County line	187	187	49.81	125.00	AD	FS	FS		No
2008	Chloride	1414_04	Gillespie County line to Gellermann Lane	187	187	49.81	125.00	AD	FS	FS		No
2008	Chloride	1414_05	Gellermann Lane to Live Oak Creek	187	187	49.81	125.00	AD	FS	FS		No
2008	Chloride	1414_06	Remainder of segment	187	187	49.81	125.00	AD	FS	FS		No
2008	Sulfate	1414_01	End of segment to falls in Pedernales Falls State Park	187	187	31.03	75.00	AD	FS	FS		No
2008	Sulfate	1414_02	Pedernales Falls to Johnson City Dam	187	187	31.03	75.00	AD	FS	FS		No
2008	Sulfate	1414_03	Johnson City Dam to Gillespie County line	187	187	31.03	75.00	AD	FS	FS		No
2008	Sulfate	1414_04	Gillespie County line to Gellermann Lane	187	187	31.03	75.00	AD	FS	FS		No
2008	Sulfate	1414_05	Gellermann Lane to Live Oak Creek	187	187	31.03	75.00	AD	FS	FS		No
2008	Sulfate	1414_06	Remainder of segment	187	187	31.03	75.00	AD	FS	FS		No
2008	Total Dissolved Solids	1414_01	End of segment to falls in Pedernales Falls State Park	267	267	382.95	525.00	AD	FS	FS		No
2008	Total Dissolved Solids	1414_02	Pedernales Falls to Johnson City Dam	267	267	382.95	525.00	AD	FS	FS		No
2008	Total Dissolved Solids	1414_03	Johnson City Dam to Gillespie County line	267	267	382.95	525.00	AD	FS	FS		No
2008	Total Dissolved Solids	1414_04	Gillespie County line to Gellermann Lane	267	267	382.95	525.00	AD	FS	FS		No
2008	Total Dissolved Solids	1414_05	Gellermann Lane to Live Oak Creek	267	267	382.95	525.00	AD	FS	FS		No
2008	Total Dissolved Solids	1414_06	Remainder of segment	267	267	382.95	525.00	AD	FS	FS		No
<b>High pH</b>												
2008	pH	1414_01	End of segment to falls in Pedernales Falls State Park	49	45	0	9.00	AD	FS	FS		No
2008	pH	1414_02	Pedernales Falls to Johnson City Dam	45	42	0	9.00	AD	FS	FS		No
2008	pH	1414_03	Johnson City Dam to Gillespie County line	45	42	0	9.00	AD	FS	FS		No
2008	pH	1414_05	Gellermann Lane to Live Oak Creek	68	63	0	9.00	AD	FS	FS		No

2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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Segment ID: 1414 Pedernales River

Water body type: Freshwater Stream Water body size: 125 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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General Use

Low pH

2008	pH	1414_01	End of segment to falls in Pedernales Falls State Park	49	45	0	6.50	AD	FS	FS		No
2008	pH	1414_02	Pedernales Falls to Johnson City Dam	45	42	0	6.50	AD	FS	FS		No
2008	pH	1414_03	Johnson City Dam to Gillespie County line	45	42	0	6.50	AD	FS	FS		No
2008	pH	1414_05	Gellermann Lane to Live Oak Creek	68	63	0	6.50	AD	FS	FS		No

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**Segment ID: 1414 Pedernales River**

**Water body type:** Freshwater Stream

**Water body size:** 125 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2008	Ammonia	1414_01	End of segment to falls in Pedernales Falls State Park	42	42	0	0.33	AD	NC	NC		No
2008	Ammonia	1414_02	Pedernales Falls to Johnson City Dam	40	40	0	0.33	AD	NC	NC		No
2008	Ammonia	1414_03	Johnson City Dam to Gillespie County line	41	41	0	0.33	AD	NC	NC		No
2008	Ammonia	1414_05	Gellermann Lane to Live Oak Creek	60	60	0	0.33	AD	NC	NC		No
2008	Chlorophyll-a	1414_01	End of segment to falls in Pedernales Falls State Park	40	40	0	14.10	AD	NC	NC		No
2008	Chlorophyll-a	1414_02	Pedernales Falls to Johnson City Dam	41	41	4	14.10	AD	NC	NC		No
2008	Chlorophyll-a	1414_03	Johnson City Dam to Gillespie County line	41	41	1	14.10	AD	NC	NC		No
2008	Chlorophyll-a	1414_05	Gellermann Lane to Live Oak Creek	61	61	1	14.10	AD	NC	NC		No
2008	Nitrate	1414_01	End of segment to falls in Pedernales Falls State Park	40	40	0	1.95	AD	NC	NC		No
2008	Nitrate	1414_02	Pedernales Falls to Johnson City Dam	42	42	1	1.95	AD	NC	NC		No
2008	Nitrate	1414_03	Johnson City Dam to Gillespie County line	42	42	1	1.95	AD	NC	NC		No
2008	Nitrate	1414_05	Gellermann Lane to Live Oak Creek	62	62	1	1.95	AD	NC	NC		No
2008	Orthophosphorus	1414_01	End of segment to falls in Pedernales Falls State Park	39	39	0	0.37	AD	NC	NC		No
2008	Orthophosphorus	1414_02	Pedernales Falls to Johnson City Dam	39	39	1	0.37	AD	NC	NC		No
2008	Orthophosphorus	1414_03	Johnson City Dam to Gillespie County line	41	41	0	0.37	AD	NC	NC		No
2008	Orthophosphorus	1414_05	Gellermann Lane to Live Oak Creek	60	60	0	0.37	AD	NC	NC		No
2008	Total Phosphorus	1414_01	End of segment to falls in Pedernales Falls State Park	38	38	0	0.69	AD	NC	NC		No
2008	Total Phosphorus	1414_02	Pedernales Falls to Johnson City Dam	40	40	1	0.69	AD	NC	NC		No
2008	Total Phosphorus	1414_03	Johnson City Dam to Gillespie County line	40	40	1	0.69	AD	NC	NC		No
2008	Total Phosphorus	1414_05	Gellermann Lane to Live Oak Creek	57	57	0	0.69	AD	NC	NC		No

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**Segment ID:** 1414      **Pedernales River**

**Water body type:** Freshwater Stream

**Water body size:** 125 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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### General Use

#### Water Temperature

2008	Temperature	1414_01	End of segment to falls in Pedernales Falls State Park	71	67	0	32.70	AD	FS	FS		No
2008	Temperature	1414_02	Pedernales Falls to Johnson City Dam	45	42	0	32.70	AD	FS	FS		No
2008	Temperature	1414_03	Johnson City Dam to Gillespie County line	45	42	0	32.70	AD	FS	FS		No
2008	Temperature	1414_04	Gillespie County line to Gellermann Lane	51	51	0	32.70	AD	FS	FS		No
2008	Temperature	1414_05	Gellermann Lane to Live Oak Creek	68	63	0	32.70	AD	FS	FS		No

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**Segment ID:** 1414 **Pedernales River**

**Water body type:** Freshwater Stream

**Water body size:** 125 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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### Public Water Supply Use

#### Finished Drinking Water Dissolved Solids average

2008	Multiple	1414_01	End of segment to falls in Pedernales Falls State Park					OE	NC	NC		No
2008	Multiple	1414_02	Pedernales Falls to Johnson City Dam					OE	NC	NC		No
2008	Multiple	1414_03	Johnson City Dam to Gillespie County line					OE	NC	NC		No
2008	Multiple	1414_04	Gillespie County line to Gellermann Lane					OE	NC	NC		No
2008	Multiple	1414_05	Gellermann Lane to Live Oak Creek					OE	NC	NC		No
2008	Multiple	1414_06	Remainder of segment					OE	NC	NC		No

#### Finished Drinking Water MCLs and Toxic Substances running average

2008	Multiple	1414_01	End of segment to falls in Pedernales Falls State Park					OE	FS	FS		No
2008	Multiple	1414_02	Pedernales Falls to Johnson City Dam					OE	FS	FS		No
2008	Multiple	1414_03	Johnson City Dam to Gillespie County line					OE	FS	FS		No
2008	Multiple	1414_04	Gillespie County line to Gellermann Lane					OE	FS	FS		No
2008	Multiple	1414_05	Gellermann Lane to Live Oak Creek					OE	FS	FS		No
2008	Multiple	1414_06	Remainder of segment					OE	FS	FS		No

#### Finished Drinking Water MCLs Concern

2008	Multiple	1414_01	End of segment to falls in Pedernales Falls State Park					OE	NC	NC		No
2008	Multiple	1414_02	Pedernales Falls to Johnson City Dam					OE	NC	NC		No
2008	Multiple	1414_03	Johnson City Dam to Gillespie County line					OE	NC	NC		No
2008	Multiple	1414_04	Gillespie County line to Gellermann Lane					OE	NC	NC		No
2008	Multiple	1414_05	Gellermann Lane to Live Oak Creek					OE	NC	NC		No
2008	Multiple	1414_06	Remainder of segment					OE	NC	NC		No

#### Surface Water HH criteria for PWS average

2006	Fluoride	1414_05	Gellermann Lane to Live Oak Creek	15	15	0.34	4,000.00	AD	FS	FS		No
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**Segment ID: 1414 Pedernales River**

**Water body type:** Freshwater Stream

**Water body size:** 125 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2008	E. coli	1414_01	End of segment to falls in Pedernales Falls State Park	42	42	0	20.18	126.00	AD	FS	FS	No
2008	E. coli	1414_02	Pedernales Falls to Johnson City Dam	42	42	0	39.29	126.00	AD	FS	FS	No
2008	E. coli	1414_03	Johnson City Dam to Gillespie County line	42	42	0	35.23	126.00	AD	FS	FS	No
2008	E. coli	1414_05	Gellermann Lane to Live Oak Creek	55	55	0	100.82	126.00	AD	FS	FS	No
2008	E. coli	1414_06	Remainder of segment	0	0			126.00	ID	NA	NA	No
2008	Fecal coliform	1414_01	End of segment to falls in Pedernales Falls State Park	11	11	0	11.11	200.00	SM	FS	FS	No
2008	Fecal coliform	1414_02	Pedernales Falls to Johnson City Dam	11	11	0	43.65	200.00	SM	FS	FS	No
2008	Fecal coliform	1414_03	Johnson City Dam to Gillespie County line	11	11	0	22.56	200.00	SM	FS	FS	No
2008	Fecal coliform	1414_05	Gellermann Lane to Live Oak Creek	13	13	0	130.55	200.00	SM	FS	FS	No
<b>Bacteria Single Sample</b>												
2008	E. coli	1414_01	End of segment to falls in Pedernales Falls State Park	42	42	3		394.00	AD	FS	FS	No
2008	E. coli	1414_02	Pedernales Falls to Johnson City Dam	42	42	6		394.00	AD	FS	FS	No
2008	E. coli	1414_03	Johnson City Dam to Gillespie County line	42	42	5		394.00	AD	FS	FS	No
2008	E. coli	1414_05	Gellermann Lane to Live Oak Creek	55	55	12		394.00	AD	FS	FS	No
2008	E. coli	1414_06	Remainder of segment	0	0			394.00	ID	NA	NA	No
2008	Fecal coliform	1414_01	End of segment to falls in Pedernales Falls State Park	11	11	0		400.00	SM	FS	FS	No
2008	Fecal coliform	1414_02	Pedernales Falls to Johnson City Dam	11	11	2		400.00	SM	FS	FS	No
2008	Fecal coliform	1414_03	Johnson City Dam to Gillespie County line	11	11	0		400.00	SM	FS	FS	No
2008	Fecal coliform	1414_05	Gellermann Lane to Live Oak Creek	13	13	2		400.00	SM	FS	FS	No



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**Segment ID:** 1414B      **Cypress Creek (unclassified water body)**

**Water body type:** Freshwater Stream

**Water body size:** 24 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Aquatic Life Use</b>												
<b>Dissolved Oxygen grab minimum</b>												
2006	Dissolved Oxygen Grab	1414B_01 Entire water body	19	19	0		3.00	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	1414B_01 Entire water body	19	19	0		5.00	AD	NC	NC		No
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2006	Ammonia	1414B_01 Entire water body	13	13	0		0.33	AD	NC	NC		No
2006	Chlorophyll-a	1414B_01 Entire water body	20	20	0		14.10	AD	NC	NC		No
2006	Nitrate	1414B_01 Entire water body	13	13	0		1.95	AD	NC	NC		No
2006	Orthophosphorus	1414B_01 Entire water body	20	20	0		0.37	AD	NC	NC		No
2006	Total Phosphorus	1414B_01 Entire water body	20	20	0		0.69	AD	NC	NC		No
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2006	E. coli	1414B_01 Entire water body	13	13		73.00	126.00	AD	FS	FS		No
2006	Fecal coliform	1414B_01 Entire water body	10	10		87.00	200.00	SM	FS	FS		No
<b>Bacteria Single Sample</b>												
2006	E. coli	1414B_01 Entire water body	13	13	0		394.00	AD	FS	FS		No
2006	Fecal coliform	1414B_01 Entire water body	10	10	1		400.00	SM	FS	FS		No

2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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Segment ID: 1414C Live Oak Creek (unclassified water body)

Water body type: Freshwater Stream Water body size: 15 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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Aquatic Life Use

Dissolved Oxygen grab minimum

2006	Dissolved Oxygen Grab	1414C_01	Entire water body	24	18	0	3.00	AD	FS	FS		No
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Dissolved Oxygen grab screening level

2006	Dissolved Oxygen Grab	1414C_01	Entire water body	24	18	2	5.00	AD	NC	NC		No
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## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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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- Superseded by another method;  
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**Segment ID:** 1414D **Miller Creek (unclassified water body)**

**Water body type:** Freshwater Stream

**Water body size:** 25 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Aquatic Life Use</b>												
<b>Dissolved Oxygen grab minimum</b>												
2006	Dissolved Oxygen Grab	1414D_01 Entire water body	5	5	0		2.00	LD	NC	NC		No
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	1414D_01 Entire water body	5	5	0		3.00	LD	NC	NC		No
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2006	Ammonia	1414D_01 Entire water body	5	5	0		0.33	LD	NC	NC		No
2006	Chlorophyll-a	1414D_01 Entire water body	5	5	0		14.10	LD	NC	NC		No
2006	Nitrate	1414D_01 Entire water body	5	5	0		1.95	LD	NC	NC		No
2006	Orthophosphorus	1414D_01 Entire water body	5	5	0		0.37	LD	NC	NC		No
2006	Total Phosphorus	1414D_01 Entire water body	5	5	0		0.69	LD	NC	NC		No
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2006	E. coli	1414D_01 Entire water body	3	3		12.00	126.00	ID	NA	NA		No
2006	Fecal coliform	1414D_01 Entire water body	5	5		105.00	200.00	LD	NC	NC		No
<b>Bacteria Single Sample</b>												
2006	E. coli	1414D_01 Entire water body	3	3	0		394.00	ID	NA	NA		No
2006	Fecal coliform	1414D_01 Entire water body	5	5	0		400.00	LD	NC	NC		No

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**Segment ID:** 1414E      **Heinz Creek**

**Water body type:** Freshwater Stream

**Water body size:** 4 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry- Forward</u>
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### Aquatic Life Use

#### Dissolved Oxygen grab minimum

2006	Dissolved Oxygen Grab	1414E_01	Entire water body	24	24	0	3.00	AD	FS	FS		No
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#### Dissolved Oxygen grab screening level

2006	Dissolved Oxygen Grab	1414E_01	Entire water body	24	24	2	5.00	AD	NC	NC		No
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### Recreation Use

#### Bacteria Geomean

2006	E. coli	1414E_01	Entire water body	0	0		126.00	ID	NA	NA		No
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#### Bacteria Single Sample

2006	E. coli	1414E_01	Entire water body	0	0		394.00	ID	NA	NA		No
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## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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**Segment ID: 1415 Llano River**

**Water body type:** Freshwater Stream

**Water body size:** 231 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Aquatic Life Use</b>												
<b>Dissolved Oxygen 24hr average</b>												
2008	Dissolved Oxygen 24hr Avg	1415_01	From the confluence of Honey Creek upstream to the dam in Llano	3	3	0	5.00	ID	NA	NA		No
2008	Dissolved Oxygen 24hr Avg	1415_02	From the dam in Llano upstream to US 87 in Mason County	17	17	0	5.00	AD	FS	FS		No
2008	Dissolved Oxygen 24hr Avg	1415_04	From the Kimble County line upstream to the confluence of the North Concho River and the South Concho River Johnson Fork	3	3	0	5.00	ID	NA	NA		No
2008	Dissolved Oxygen 24hr Avg	1415_05	North Llano River from the confluence of the South Llano upstream to FM 864 in Sutton County	2	2	0	5.00	ID	NA	NA		No
2008	Dissolved Oxygen 24hr Avg	1415_06	South Llano from the confluence with the North Llano River to SH 55 in Edwards County	14	14	0	5.00	AD	FS	FS		No
<b>Dissolved Oxygen 24hr minimum</b>												
2008	Dissolved Oxygen 24hr Min	1415_01	From the confluence of Honey Creek upstream to the dam in Llano	3	3	0	3.00	ID	NA	NA		No
2008	Dissolved Oxygen 24hr Min	1415_02	From the dam in Llano upstream to US 87 in Mason County	17	17	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen 24hr Min	1415_04	From the Kimble County line upstream to the confluence of the North Concho River and the South Concho River Johnson Fork	3	3	0	3.00	ID	NA	NA		No
2008	Dissolved Oxygen 24hr Min	1415_05	North Llano River from the confluence of the South Llano upstream to FM 864 in Sutton County	2	2	0	3.00	ID	NA	NA		No
2008	Dissolved Oxygen 24hr Min	1415_06	South Llano from the confluence with the North Llano River to SH 55 in Edwards County	14	14	0	3.00	AD	FS	FS		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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**Segment ID:** 1415      **Llano River**

**Water body type:** Freshwater Stream

**Water body size:** 231 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Aquatic Life Use</b>												
<b>Dissolved Oxygen grab minimum</b>												
2008	Dissolved Oxygen Grab	1415_01	From the confluence of Honey Creek upstream to the dam in Llano	81	76	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	1415_02	From the dam in Llano upstream to US 87 in Mason County	49	47	0	3.00	SM	FS	FS		No
2008	Dissolved Oxygen Grab	1415_03	From US 87 upstream to Kimble County line	0	0	0	3.00	ID	NA	NA		No
2008	Dissolved Oxygen Grab	1415_04	From the Kimble County line upstream to the confluence of the North Concho River and the South Concho River Johnson Fork	49	48	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	1415_05	North Llano River from the confluence of the South Llano upstream to FM 864 in Sutton County	22	22	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	1415_06	South Llano from the confluence with the North Llano River to SH 55 in Edwards County	25	25	0	3.00	SM	FS	FS		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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### Segment ID: 1415 Llano River

**Water body type:** Freshwater Stream

**Water body size:** 231 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Aquatic Life Use</b>												
<b>Dissolved Oxygen grab screening level</b>												
2008	Dissolved Oxygen Grab	1415_01	From the confluence of Honey Creek upstream to the dam in Llano	81	76	0	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	1415_02	From the dam in Llano upstream to US 87 in Mason County	49	47	2	5.00	SM	NC	NC		No
2008	Dissolved Oxygen Grab	1415_03	From US 87 upstream to Kimble County line	0	0		5.00	ID	NA	NA		No
2008	Dissolved Oxygen Grab	1415_04	From the Kimble County line upstream to the confluence of the North Concho River and the South Concho River Johnson Fork	49	48	0	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	1415_05	North Llano River from the confluence of the South Llano upstream to FM 864 in Sutton County	22	22	0	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	1415_06	South Llano from the confluence with the North Llano River to SH 55 in Edwards County	25	25	0	5.00	SM	NC	NC		No
<b>Fish Community</b>												
2008	Fish Community	1415_02	From the dam in Llano upstream to US 87 in Mason County	8	8		53.40	AD	FS	FS		No
2008	Fish Community	1415_06	South Llano from the confluence with the North Llano River to SH 55 in Edwards County	6	6		54.10	AD	FS	FS		No
<b>Habitat</b>												
2008	Habitat	1415_02	From the dam in Llano upstream to US 87 in Mason County	5	5		23.10	AD	NC	NC		No
2008	Habitat	1415_06	South Llano from the confluence with the North Llano River to SH 55 in Edwards County	5	5		23.50	AD	NC	NC		No

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**Segment ID: 1415 Llano River**

**Water body type:** Freshwater Stream

**Water body size:** 231 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Aquatic Life Use</b>												
<b>Macrobenthic Community</b>												
2008	Macrobenthic Community	1415_02	From the dam in Llano upstream to US 87 in Mason County	8	8		37.60	29.00	AD	FS	FS	No
2008	Macrobenthic Community	1415_06	South Llano from the confluence with the North Llano River to SH 55 in Edwards County	6	6		41.30	29.00	AD	FS	FS	No
<b>Toxic Substances in sediment</b>												
2008	Cadmium	1415_01	From the confluence of Honey Creek upstream to the dam in Llano	4	4	1		4.98	LD	NC	NC	No
2008	Metals	1415_01	From the confluence of Honey Creek upstream to the dam in Llano	4	4	0			ID	NA	NA	No
2008	Organics	1415_01	From the confluence of Honey Creek upstream to the dam in Llano	3	3	0			ID	NA	NA	No
2008	Organics	1415_02	From the dam in Llano upstream to US 87 in Mason County	1	1	0			ID	NA	NA	No



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Segment ID: 1415 Llano River

Water body type: Freshwater Stream Water body size: 231 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of</u> <u>Samples</u>	<u>#</u> <u>Assessed</u>	<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> <u>Supp</u>	<u>Imp</u> <u>Category</u>	<u>Carry</u> <u>Forward</u>
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General Use

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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**Segment ID: 1415 Llano River**

**Water body type:** Freshwater Stream

**Water body size:** 231 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>General Use</b>												
<b>Dissolved Solids</b>												
2008	Chloride	1415_01	From the confluence of Honey Creek upstream to the dam in Llano	243	243	19.50	50.00	AD	FS	FS		No
2008	Chloride	1415_02	From the dam in Llano upstream to US 87 in Mason County	243	243	19.50	50.00	AD	FS	FS		No
2008	Chloride	1415_03	From US 87 upstream to Kimble County line	243	243	19.50	50.00	AD	FS	FS		No
2008	Chloride	1415_04	From the Kimble County line upstream to the confluence of the North Concho River and the South Concho River Johnson Fork	243	243	19.50	50.00	AD	FS	FS		No
2008	Chloride	1415_05	North Llano River from the confluence of the South Llano upstream to FM 864 in Sutton County	243	243	19.50	50.00	AD	FS	FS		No
2008	Chloride	1415_06	South Llano from the confluence with the North Llano River to SH 55 in Edwards County	243	243	19.50	50.00	AD	FS	FS		No
2008	Sulfate	1415_01	From the confluence of Honey Creek upstream to the dam in Llano	244	244	12.21	50.00	AD	FS	FS		No
2008	Sulfate	1415_02	From the dam in Llano upstream to US 87 in Mason County	244	244	12.21	50.00	AD	FS	FS		No
2008	Sulfate	1415_03	From US 87 upstream to Kimble County line	244	244	12.21	50.00	AD	FS	FS		No
2008	Sulfate	1415_04	From the Kimble County line upstream to the confluence of the North Concho River and the South Concho River Johnson Fork	244	244	12.21	50.00	AD	FS	FS		No
2008	Sulfate	1415_05	North Llano River from the confluence of the South Llano upstream to FM 864 in Sutton County	244	244	12.21	50.00	AD	FS	FS		No

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**Segment ID:** 1415      **Llano River**

**Water body type:** Freshwater Stream

**Water body size:** 231 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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### General Use

#### Dissolved Solids

2008	Sulfate	1415_06	South Llano from the confluence with the North Llano River to SH 55 in Edwards County	244	244	12.21	50.00	AD	FS	FS		No
2008	Total Dissolved Solids	1415_01	From the confluence of Honey Creek upstream to the dam in Llano	239	239	240.16	350.00	AD	FS	FS		No
2008	Total Dissolved Solids	1415_02	From the dam in Llano upstream to US 87 in Mason County	239	239	240.16	350.00	AD	FS	FS		No
2008	Total Dissolved Solids	1415_03	From US 87 upstream to Kimble County line	239	239	240.16	350.00	AD	FS	FS		No
2008	Total Dissolved Solids	1415_04	From the Kimble County line upstream to the confluence of the North Concho River and the South Concho River Johnson Fork	239	239	240.16	350.00	AD	FS	FS		No
2008	Total Dissolved Solids	1415_05	North Llano River from the confluence of the South Llano upstream to FM 864 in Sutton County	239	239	240.16	350.00	AD	FS	FS		No
2008	Total Dissolved Solids	1415_06	South Llano from the confluence with the North Llano River to SH 55 in Edwards County	239	239	240.16	350.00	AD	FS	FS		No

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**Segment ID: 1415 Llano River**

**Water body type:** Freshwater Stream

**Water body size:** 231 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>General Use</b>												
<b>High pH</b>												
2008	pH	1415_01	From the confluence of Honey Creek upstream to the dam in Llano	83	78	0	9.00	AD	FS	FS		No
2008	pH	1415_02	From the dam in Llano upstream to US 87 in Mason County	48	46	0	9.00	AD	FS	FS		No
2008	pH	1415_03	From US 87 upstream to Kimble County line	0	0	0	9.00	ID	NA	NA		No
2008	pH	1415_04	From the Kimble County line upstream to the confluence of the North Concho River and the South Concho River Johnson Fork	48	47	0	9.00	AD	FS	FS		No
2008	pH	1415_05	North Llano River from the confluence of the South Llano upstream to FM 864 in Sutton County	22	22	0	9.00	AD	FS	FS		No
2008	pH	1415_06	South Llano from the confluence with the North Llano River to SH 55 in Edwards County	24	24	0	9.00	AD	FS	FS		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: 1415 Llano River**

**Water body type:** Freshwater Stream

**Water body size:** 231 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>General Use</b>												
<b>Low pH</b>												
2008	pH	1415_01	From the confluence of Honey Creek upstream to the dam in Llano	83	78	0	6.50	AD	FS	FS		No
2008	pH	1415_02	From the dam in Llano upstream to US 87 in Mason County	48	46	0	6.50	AD	FS	FS		No
2008	pH	1415_03	From US 87 upstream to Kimble County line	0	0	0	6.50	ID	NA	NA		No
2008	pH	1415_04	From the Kimble County line upstream to the confluence of the North Concho River and the South Concho River Johnson Fork	48	47	0	6.50	AD	FS	FS		No
2008	pH	1415_05	North Llano River from the confluence of the South Llano upstream to FM 864 in Sutton County	22	22	0	6.50	AD	FS	FS		No
2008	pH	1415_06	South Llano from the confluence with the North Llano River to SH 55 in Edwards County	24	24	0	6.50	AD	FS	FS		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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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: 1415 Llano River**

**Water body type:** Freshwater Stream

**Water body size:** 231 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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### General Use

#### Nutrient Screening Levels

2008	Ammonia	1415_01	From the confluence of Honey Creek upstream to the dam in Llano	84	84	0	0.33	AD	NC	NC		No
2008	Ammonia	1415_02	From the dam in Llano upstream to US 87 in Mason County	56	56	0	0.33	AD	NC	NC		No
2008	Ammonia	1415_03	From US 87 upstream to Kimble County line	0	0	0	0.33	ID	NA	NA		No
2008	Ammonia	1415_04	From the Kimble County line upstream to the confluence of the North Concho River and the South Concho River Johnson Fork	46	46	0	0.33	AD	NC	NC		No
2008	Ammonia	1415_05	North Llano River from the confluence of the South Llano upstream to FM 864 in Sutton County	22	22	0	0.33	AD	NC	NC		No
2008	Ammonia	1415_06	South Llano from the confluence with the North Llano River to SH 55 in Edwards County	29	29	0	0.33	AD	NC	NC		No
2008	Chlorophyll-a	1415_01	From the confluence of Honey Creek upstream to the dam in Llano	83	83	0	14.10	AD	NC	NC		No
2008	Chlorophyll-a	1415_02	From the dam in Llano upstream to US 87 in Mason County	50	50	0	14.10	AD	NC	NC		No
2008	Chlorophyll-a	1415_03	From US 87 upstream to Kimble County line	0	0	0	14.10	ID	NA	NA		No
2008	Chlorophyll-a	1415_04	From the Kimble County line upstream to the confluence of the North Concho River and the South Concho River Johnson Fork	46	46	1	14.10	AD	NC	NC		No
2008	Chlorophyll-a	1415_05	North Llano River from the confluence of the South Llano upstream to FM 864 in Sutton County	21	21	1	14.10	AD	NC	NC		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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**Segment ID: 1415 Llano River**

**Water body type:** Freshwater Stream

**Water body size:** 231 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2008	Chlorophyll-a	1415_06	South Llano from the confluence with the North Llano River to SH 55 in Edwards County	29	29	0	14.10	AD	NC	NC		No
2008	Nitrate	1415_01	From the confluence of Honey Creek upstream to the dam in Llano	86	86	1	1.95	AD	NC	NC		No
2008	Nitrate	1415_02	From the dam in Llano upstream to US 87 in Mason County	55	55	0	1.95	AD	NC	NC		No
2008	Nitrate	1415_03	From US 87 upstream to Kimble County line	0	0		1.95	ID	NA	NA		No
2008	Nitrate	1415_04	From the Kimble County line upstream to the confluence of the North Concho River and the South Concho River Johnson Fork	47	47	1	1.95	AD	NC	NC		No
2008	Nitrate	1415_05	North Llano River from the confluence of the South Llano upstream to FM 864 in Sutton County	21	21	0	1.95	AD	NC	NC		No
2008	Nitrate	1415_06	South Llano from the confluence with the North Llano River to SH 55 in Edwards County	29	29	0	1.95	AD	NC	NC		No
2008	Orthophosphorus	1415_01	From the confluence of Honey Creek upstream to the dam in Llano	86	86	0	0.37	AD	NC	NC		No
2008	Orthophosphorus	1415_02	From the dam in Llano upstream to US 87 in Mason County	56	56	0	0.37	AD	NC	NC		No
2008	Orthophosphorus	1415_03	From US 87 upstream to Kimble County line	0	0	0	0.37	ID	NC	NC		No
2008	Orthophosphorus	1415_04	From the Kimble County line upstream to the confluence of the North Concho River and the South Concho River Johnson Fork	47	47	0	0.37	AD	NC	NC		No

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**Segment ID: 1415 Llano River**

**Water body type:** Freshwater Stream

**Water body size:** 231 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2008	Orthophosphorus	1415_05	North Llano River from the confluence of the South Llano upstream to FM 864 in Sutton County	22	22	0	0.37	AD	NC	NC		No
2008	Orthophosphorus	1415_06	South Llano from the confluence with the North Llano River to SH 55 in Edwards County	29	29	0	0.37	AD	NC	NC		No
2008	Total Phosphorus	1415_01	From the confluence of Honey Creek upstream to the dam in Llano	83	83	0	0.69	AD	NC	NC		No
2008	Total Phosphorus	1415_02	From the dam in Llano upstream to US 87 in Mason County	55	55	0	0.69	AD	NC	NC		No
2008	Total Phosphorus	1415_03	From US 87 upstream to Kimble County line	0	0	0	0.69	ID	NA	NA		No
2008	Total Phosphorus	1415_04	From the Kimble County line upstream to the confluence of the North Concho River and the South Concho River Johnson Fork	48	48	1	0.69	AD	NC	NC		No
2008	Total Phosphorus	1415_05	North Llano River from the confluence of the South Llano upstream to FM 864 in Sutton County	22	22	0	0.69	AD	NC	NC		No
2008	Total Phosphorus	1415_06	South Llano from the confluence with the North Llano River to SH 55 in Edwards County	29	29	0	0.69	AD	NC	NC		No



## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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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:** 1415      **Llano River**

**Water body type:** Freshwater Stream

**Water body size:** 231 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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### General Use

#### Water Temperature

2008	Temperature	1415_01	From the confluence of Honey Creek upstream to the dam in Llano	89	84	0	32.80	AD	FS	FS		No
2008	Temperature	1415_02	From the dam in Llano upstream to US 87 in Mason County	49	47	0	32.80	AD	FS	FS		No
2008	Temperature	1415_03	From US 87 upstream to Kimble County line	0	0		32.70	ID	NA	NA		No
2008	Temperature	1415_04	From the Kimble County line upstream to the confluence of the North Concho River and the South Concho River Johnson Fork	49	48	0	32.80	AD	FS	FS		No
2008	Temperature	1415_05	North Llano River from the confluence of the South Llano upstream to FM 864 in Sutton County	26	26	0	32.80	AD	FS	FS		No
2008	Temperature	1415_06	South Llano from the confluence with the North Llano River to SH 55 in Edwards County	25	25	0	32.80	AD	FS	FS		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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**Segment ID: 1415 Llano River**

**Water body type:** Freshwater Stream

**Water body size:** 231 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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### Public Water Supply Use

#### Finished Drinking Water Dissolved Solids average

2008	Multiple	1415_01	From the confluence of Honey Creek upstream to the dam in Llano					OE	NC	NC		No
2008	Multiple	1415_02	From the dam in Llano upstream to US 87 in Mason County					OE	NC	NC		No
2008	Multiple	1415_03	From US 87 upstream to Kimble County line					OE	NC	NC		No
2008	Multiple	1415_04	From the Kimble County line upstream to the confluence of the North Concho River and the South Concho River Johnson Fork					OE	NC	NC		No
2008	Multiple	1415_05	North Llano River from the confluence of the South Llano upstream to FM 864 in Sutton County					OE	NC	NC		No
2008	Multiple	1415_06	South Llano from the confluence with the North Llano River to SH 55 in Edwards County					OE	NC	NC		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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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:** 1415      **Llano River**

**Water body type:** Freshwater Stream

**Water body size:** 231 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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### Public Water Supply Use

#### **Finished Drinking Water MCLs and Toxic Substances running average**

2008	Multiple	1415_01	From the confluence of Honey Creek upstream to the dam in Llano					OE	FS	FS		No
2008	Multiple	1415_02	From the dam in Llano upstream to US 87 in Mason County					OE	FS	FS		No
2008	Multiple	1415_03	From US 87 upstream to Kimble County line					OE	FS	FS		No
2008	Multiple	1415_04	From the Kimble County line upstream to the confluence of the North Concho River and the South Concho River Johnson Fork					OE	FS	FS		No
2008	Multiple	1415_05	North Llano River from the confluence of the South Llano upstream to FM 864 in Sutton County					OE	FS	FS		No
2008	Multiple	1415_06	South Llano from the confluence with the North Llano River to SH 55 in Edwards County					OE	FS	FS		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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**Segment ID: 1415 Llano River**

**Water body type:** Freshwater Stream

**Water body size:** 231 Miles

<u>YEAR</u>		<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Public Water Supply Use</b>													
<b>Finished Drinking Water MCLs Concern</b>													
2008	Multiple	1415_01	From the confluence of Honey Creek upstream to the dam in Llano						OE	NC	NC		No
2008	Multiple	1415_02	From the dam in Llano upstream to US 87 in Mason County						OE	NC	NC		No
2008	Multiple	1415_03	From US 87 upstream to Kimble County line						OE	NC	NC		No
2008	Multiple	1415_04	From the Kimble County line upstream to the confluence of the North Concho River and the South Concho River Johnson Fork						OE	NC	NC		No
2008	Multiple	1415_05	North Llano River from the confluence of the South Llano upstream to FM 864 in Sutton County						OE	NC	NC		No
2008	Multiple	1415_06	South Llano from the confluence with the North Llano River to SH 55 in Edwards County						OE	NC	NC		No
<b>Surface Water HH criteria for PWS average</b>													
2006	Fluoride	1415_02	From the dam in Llano upstream to US 87 in Mason County	14	14		0.22	4,000.00	AD	FS	FS		No
2006	Fluoride	1415_04	From the Kimble County line upstream to the confluence of the North Concho River and the South Concho River Johnson Fork	13	13		0.21	4,000.00	AD	FS	FS		No
2006	Fluoride	1415_05	North Llano River from the confluence of the South Llano upstream to FM 864 in Sutton County	11	11		0.24	4,000.00	AD	FS	FS		No
2006	Fluoride	1415_06	South Llano from the confluence with the North Llano River to SH 55 in Edwards County	12	12		0.21	4,000.00	AD	FS	FS		No

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**Segment ID: 1415 Llano River**

**Water body type:** Freshwater Stream

**Water body size:** 231 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2008	E. coli	1415_01	From the confluence of Honey Creek upstream to the dam in Llano	89	89	0	32.83	126.00	AD	FS	FS	No
2008	E. coli	1415_02	From the dam in Llano upstream to US 87 in Mason County	49	49	0	7.49	126.00	AD	FS	FS	No
2008	E. coli	1415_03	From US 87 upstream to Kimble County line	0	0			126.00	ID	NA	NA	No
2008	E. coli	1415_04	From the Kimble County line upstream to the confluence of the North Concho River and the South Concho River Johnson Fork	46	46	0	24.71	126.00	AD	FS	FS	No
2008	E. coli	1415_05	North Llano River from the confluence of the South Llano upstream to FM 864 in Sutton County	21	21	0	35.71	126.00	AD	FS	FS	No
2008	E. coli	1415_06	South Llano from the confluence with the North Llano River to SH 55 in Edwards County	20	20	0	29.69	126.00	AD	FS	FS	No
2008	Fecal coliform	1415_01	From the confluence of Honey Creek upstream to the dam in Llano	27	27	0	21.75	200.00	SM	FS	FS	No
2008	Fecal coliform	1415_02	From the dam in Llano upstream to US 87 in Mason County	15	15	0	7.56	200.00	SM	FS	FS	No
2008	Fecal coliform	1415_04	From the Kimble County line upstream to the confluence of the North Concho River and the South Concho River Johnson Fork	14	14	0	12.68	200.00	SM	FS	FS	No
2008	Fecal coliform	1415_05	North Llano River from the confluence of the South Llano upstream to FM 864 in Sutton County	9	9	0	38.12	200.00	LD	NC	NC	No
2008	Fecal coliform	1415_06	South Llano from the confluence with the North Llano River to SH 55 in Edwards County	9	9	0	33.02	200.00	LD	NC	NC	No

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**Segment ID:** 1415      **Llano River**

**Water body type:** Freshwater Stream

**Water body size:** 231 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Recreation Use</b>												
<b>Bacteria Single Sample</b>												
2008	E. coli	1415_01	From the confluence of Honey Creek upstream to the dam in Llano	89	89	12	394.00	AD	FS	FS		No
2008	E. coli	1415_02	From the dam in Llano upstream to US 87 in Mason County	49	49	1	394.00	AD	FS	FS		No
2008	E. coli	1415_03	From US 87 upstream to Kimble County line	0	0		394.00	ID	NA	NA		No
2008	E. coli	1415_04	From the Kimble County line upstream to the confluence of the North Concho River and the South Concho River Johnson Fork	46	46	1	394.00	AD	FS	FS		No
2008	E. coli	1415_05	North Llano River from the confluence of the South Llano upstream to FM 864 in Sutton County	21	21	0	394.00	AD	FS	FS		No
2008	E. coli	1415_06	South Llano from the confluence with the North Llano River to SH 55 in Edwards County	20	20	0	394.00	AD	FS	FS		No
2008	Fecal coliform	1415_01	From the confluence of Honey Creek upstream to the dam in Llano	27	27	3	400.00	SM	FS	FS		No
2008	Fecal coliform	1415_02	From the dam in Llano upstream to US 87 in Mason County	15	15	0	400.00	SM	FS	FS		No
2008	Fecal coliform	1415_04	From the Kimble County line upstream to the confluence of the North Concho River and the South Concho River Johnson Fork	14	14	0	400.00	SM	FS	FS		No
2008	Fecal coliform	1415_05	North Llano River from the confluence of the South Llano upstream to FM 864 in Sutton County	9	9	0	400.00	LD	NC	NC		No
2008	Fecal coliform	1415_06	South Llano from the confluence with the North Llano River to SH 55 in Edwards County	9	9	1	400.00	LD	NC	NC		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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**Segment ID:** 1416      **San Saba River**

**Water body type:** Freshwater Stream

**Water body size:** 137 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Aquatic Life Use</b>												
<b>Dissolved Oxygen 24hr average</b>												
2008	Dissolved Oxygen 24hr Avg	1416_01	From the confluence with the Colorado River in San Saba County upstream to the US 190	11	11	1	5.00	AD	FS	FS		No
<b>Dissolved Oxygen 24hr minimum</b>												
2008	Dissolved Oxygen 24hr Min	1416_01	From the confluence with the Colorado River in San Saba County upstream to the US 190	11	11	0	3.00	AD	FS	FS		No
<b>Dissolved Oxygen grab minimum</b>												
2008	Dissolved Oxygen Grab	1416_01	From the confluence with the Colorado River in San Saba County upstream to the US 190	45	45	0	3.00	SM	FS	FS		No
2008	Dissolved Oxygen Grab	1416_03	McCulloch County/San Saba County line upstream to McCulloch County/Mason County line	26	26	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	1416_05	FM 2092 upstream to end of segment	1	1	0	3.00	ID	NA	NA		No
<b>Dissolved Oxygen grab screening level</b>												
2008	Dissolved Oxygen Grab	1416_01	From the confluence with the Colorado River in San Saba County upstream to the US 190	45	45	0	5.00	SM	NC	NC		No
2008	Dissolved Oxygen Grab	1416_03	McCulloch County/San Saba County line upstream to McCulloch County/Mason County line	26	26	1	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	1416_05	FM 2092 upstream to end of segment	1	1	0	5.00	ID	NA	NA		No
<b>Fish Community</b>												
2008	Fish Community	1416_01	From the confluence with the Colorado River in San Saba County upstream to the US 190	7	7		50.00	AD	FS	FS		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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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:** 1416 San Saba River

**Water body type:** Freshwater Stream

**Water body size:** 137 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Aquatic Life Use</b>												
<b>Habitat</b>												
2008	Habitat	1416_01	From the confluence with the Colorado River in San Saba County upstream to the US 190	5	5		20.90	20.00	AD	NC	NC	No
<b>Macrobenthic Community</b>												
2008	Macrobenthic Community	1416_01	From the confluence with the Colorado River in San Saba County upstream to the US 190	7	7		34.40	29.00	AD	FS	FS	No
<b>Toxic Substances in sediment</b>												
2008	Metals	1416_01	From the confluence with the Colorado River in San Saba County upstream to the US 190	3	3	0		ID	NA	NA		No



2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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Segment ID: 1416 San Saba River

Water body type: Freshwater Stream Water body size: 137 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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General Use

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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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: 1416 San Saba River**

**Water body type:** Freshwater Stream

**Water body size:** 137 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>General Use</b>												
<b>Dissolved Solids</b>												
2008	Chloride	1416_01	From the confluence with the Colorado River in San Saba County upstream to the US 190	69	69	25.58	50.00	AD	FS	FS		No
2008	Chloride	1416_02	From US 190 upstream to McCulloch County line	69	69	25.58	50.00	AD	FS	FS		No
2008	Chloride	1416_03	McCulloch County/San Saba County line upstream to McCulloch County/Mason County line	69	69	25.58	50.00	AD	FS	FS		No
2008	Chloride	1416_04	Mason County to FM 2092	69	69	25.58	50.00	AD	FS	FS		No
2008	Chloride	1416_05	FM 2092 upstream to end of segment	69	69	25.58	50.00	AD	FS	FS		No
2008	Sulfate	1416_01	From the confluence with the Colorado River in San Saba County upstream to the US 190	69	69	18.51	50.00	AD	FS	FS		No
2008	Sulfate	1416_02	From US 190 upstream to McCulloch County line	69	69	18.51	50.00	AD	FS	FS		No
2008	Sulfate	1416_03	McCulloch County/San Saba County line upstream to McCulloch County/Mason County line	69	69	18.51	50.00	AD	FS	FS		No
2008	Sulfate	1416_04	Mason County to FM 2092	69	69	18.51	50.00	AD	FS	FS		No
2008	Sulfate	1416_05	FM 2092 upstream to end of segment	69	69	18.51	50.00	AD	FS	FS		No
2008	Total Dissolved Solids	1416_01	From the confluence with the Colorado River in San Saba County upstream to the US 190	79	79	316.12	425.00	AD	FS	FS		No
2008	Total Dissolved Solids	1416_02	From US 190 upstream to McCulloch County line	79	79	316.12	425.00	AD	FS	FS		No
2008	Total Dissolved Solids	1416_03	McCulloch County/San Saba County line upstream to McCulloch County/Mason County line	79	79	316.12	425.00	AD	FS	FS		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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**Segment ID: 1416 San Saba River**

**Water body type:** Freshwater Stream

**Water body size:** 137 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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### General Use

#### Dissolved Solids

2008	Total Dissolved Solids	1416_04	Mason County to FM 2092	79	79		316.12	425.00	AD	FS	FS	No
2008	Total Dissolved Solids	1416_05	FM 2092 upstream to end of segment	79	79		316.12	425.00	AD	FS	FS	No

#### High pH

2008	pH	1416_01	From the confluence with the Colorado River in San Saba County upstream to the US 190	45	45	0		9.00	AD	FS	FS	No
2008	pH	1416_03	McCulloch County/San Saba County line upstream to McCulloch County/Mason County line	26	26	0		9.00	AD	FS	FS	No
2008	pH	1416_05	FM 2092 upstream to end of segment	1	1	0		9.00	ID	NA	NA	No

#### Low pH

2008	pH	1416_01	From the confluence with the Colorado River in San Saba County upstream to the US 190	45	45	0		6.50	AD	FS	FS	No
2008	pH	1416_03	McCulloch County/San Saba County line upstream to McCulloch County/Mason County line	26	26	0		6.50	AD	FS	FS	No
2008	pH	1416_05	FM 2092 upstream to end of segment	1	1	0		6.50	ID	NA	NA	No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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**Segment ID: 1416 San Saba River**

**Water body type:** Freshwater Stream

**Water body size:** 137 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2008	Ammonia	1416_01	From the confluence with the Colorado River in San Saba County upstream to the US 190	41	41	0	0.33	AD	NC	NC		No
2008	Ammonia	1416_03	McCulloch County/San Saba County line upstream to McCulloch County/Mason County line	25	25	1	0.33	AD	NC	NC		No
2008	Chlorophyll-a	1416_01	From the confluence with the Colorado River in San Saba County upstream to the US 190	43	43	4	14.10	AD	NC	NC		No
2008	Chlorophyll-a	1416_03	McCulloch County/San Saba County line upstream to McCulloch County/Mason County line	24	24	1	14.10	AD	NC	NC		No
2008	Nitrate	1416_01	From the confluence with the Colorado River in San Saba County upstream to the US 190	44	44	0	1.95	AD	NC	NC		No
2008	Nitrate	1416_03	McCulloch County/San Saba County line upstream to McCulloch County/Mason County line	23	23	0	1.95	AD	NC	NC		No
2008	Orthophosphorus	1416_01	From the confluence with the Colorado River in San Saba County upstream to the US 190	42	42	0	0.37	AD	NC	NC		No
2008	Orthophosphorus	1416_03	McCulloch County/San Saba County line upstream to McCulloch County/Mason County line	24	24	0	0.37	AD	NC	NC		No
2008	Total Phosphorus	1416_01	From the confluence with the Colorado River in San Saba County upstream to the US 190	44	44	2	0.69	AD	NC	NC		No

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**Segment ID:** 1416 San Saba River

**Water body type:** Freshwater Stream

**Water body size:** 137 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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### General Use

#### Nutrient Screening Levels

2008	Total Phosphorus	1416_03	McCulloch County/San Saba County line upstream to McCulloch County/Mason County line	23	23	2	0.69	AD	NC	NC		No
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#### Water Temperature

2008	Temperature	1416_01	From the confluence with the Colorado River in San Saba County upstream to the US 190	46	46	0	32.20	AD	FS	FS		No
2008	Temperature	1416_03	McCulloch County/San Saba County line upstream to McCulloch County/Mason County line	27	27	0	32.20	AD	FS	FS		No
2008	Temperature	1416_05	FM 2092 upstream to end of segment	6	6	0	32.20	LD	NC	NC		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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**Segment ID:** 1416      **San Saba River**

**Water body type:** Freshwater Stream

**Water body size:** 137 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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### Public Water Supply Use

#### **Finished Drinking Water Dissolved Solids average**

2008	Multiple	1416_01	From the confluence with the Colorado River in San Saba County upstream to the US 190					OE	NC	NC		No
2008	Multiple	1416_02	From US 190 upstream to McCulloch County line					OE	NC	NC		No
2008	Multiple	1416_03	McCulloch County/San Saba County line upstream to McCulloch County/Mason County line					OE	NC	NC		No
2008	Multiple	1416_04	Mason County to FM 2092					OE	NC	NC		No
2008	Multiple	1416_05	FM 2092 upstream to end of segment					OE	NC	NC		No

#### **Finished Drinking Water MCLs and Toxic Substances running average**

2008	Multiple	1416_01	From the confluence with the Colorado River in San Saba County upstream to the US 190					OE	FS	FS		No
2008	Multiple	1416_02	From US 190 upstream to McCulloch County line					OE	FS	FS		No
2008	Multiple	1416_03	McCulloch County/San Saba County line upstream to McCulloch County/Mason County line					OE	FS	FS		No
2008	Multiple	1416_04	Mason County to FM 2092					OE	FS	FS		No
2008	Multiple	1416_05	FM 2092 upstream to end of segment					OE	FS	FS		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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**Segment ID:** 1416 San Saba River

**Water body type:** Freshwater Stream

**Water body size:** 137 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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### Public Water Supply Use

#### Finished Drinking Water MCLs Concern

2008	Multiple	1416_01	From the confluence with the Colorado River in San Saba County upstream to the US 190					OE	NC	NC		No
2008	Multiple	1416_02	From US 190 upstream to McCulloch County line					OE	NC	NC		No
2008	Multiple	1416_03	McCulloch County/San Saba County line upstream to McCulloch County/Mason County line					OE	NC	NC		No
2008	Multiple	1416_04	Mason County to FM 2092					OE	NC	NC		No
2008	Multiple	1416_05	FM 2092 upstream to end of segment					OE	NC	NC		No

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**Segment ID: 1416 San Saba River**

**Water body type:** Freshwater Stream

**Water body size:** 137 Miles

<u>YEAR</u>		<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Recreation Use</b>													
<b>Bacteria Geomean</b>													
2008	E. coli	1416_01	From the confluence with the Colorado River in San Saba County upstream to the US 190	44	44	1	197.63	126.00	AD	NS	NS	5c	No
2008	E. coli	1416_03	McCulloch County/San Saba County line upstream to McCulloch County/Mason County line	25	25	0	56.94	126.00	AD	FS	FS		No
2008	Fecal coliform	1416_01	From the confluence with the Colorado River in San Saba County upstream to the US 190	12	12	0	121.66	200.00	SM	FS	FS		No
2008	Fecal coliform	1416_03	McCulloch County/San Saba County line upstream to McCulloch County/Mason County line	4	4	0	65.46	200.00	LD	NC	NC		No
<b>Bacteria Single Sample</b>													
2008	E. coli	1416_01	From the confluence with the Colorado River in San Saba County upstream to the US 190	44	44	7		394.00	AD	FS	FS		No
2008	E. coli	1416_03	McCulloch County/San Saba County line upstream to McCulloch County/Mason County line	25	25	4		394.00	AD	FS	FS		No
2008	Fecal coliform	1416_01	From the confluence with the Colorado River in San Saba County upstream to the US 190	12	12	1		400.00	SM	FS	FS		No
2008	Fecal coliform	1416_03	McCulloch County/San Saba County line upstream to McCulloch County/Mason County line	4	4	1		400.00	LD	NC	NC		No



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**Segment ID:** 1416A **Brady Creek (unclassified water body)**

**Water body type:** Freshwater Stream

**Water body size:** 35 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Aquatic Life Use</b>												
<b>Acute Toxic Substances in water</b>												
2006	Metals	1416A_02	From the confluence of an unnamed tributary approximately 5 km east of FM 2309 east of Brady upstream to FM 714	10	10	0		AD	FS	FS		No
<b>Chronic Toxic Substances in water</b>												
2006	Metals	1416A_02	From the confluence of an unnamed tributary approximately 5 km east of FM 2309 east of Brady upstream to FM 714	10	10			AD	FS	FS		No
<b>Dissolved Oxygen 24hr average</b>												
2008	Dissolved Oxygen 24hr Avg	1416A_03	From FM 714 upstream to Brady Lake dam	6	6	4	4.00	LD	NS	NS	5c	No
<b>Dissolved Oxygen 24hr minimum</b>												
2008	Dissolved Oxygen 24hr Min	1416A_03	From FM 714 upstream to Brady Lake dam	6	6	5	3.00	LD	NS	NS	5c	No
<b>Dissolved Oxygen grab minimum</b>												
2008	Dissolved Oxygen Grab	1416A_02	From the confluence of an unnamed tributary approximately 5 km east of FM 2309 east of Brady upstream to FM 714	28	28	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	1416A_03	From FM 714 upstream to Brady Lake dam	24	24	5	3.00	SM	NS	NS		No
<b>Dissolved Oxygen grab screening level</b>												
2008	Dissolved Oxygen Grab	1416A_02	From the confluence of an unnamed tributary approximately 5 km east of FM 2309 east of Brady upstream to FM 714	28	28	0	4.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	1416A_03	From FM 714 upstream to Brady Lake dam	24	24	11	4.00	AD	CS	CS		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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**Segment ID:** 1416A **Brady Creek (unclassified water body)**

**Water body type:** Freshwater Stream

**Water body size:** 35 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Aquatic Life Use</b>												
<b>Toxic Substances in sediment</b>												
2008	Metals	1416A_02	From the confluence of an unnamed tributary approximately 5 km east of FM 2309 east of Brady upstream to FM 714	7	7	0		LD	NC	NC		No
2008	Nickel	1416A_02	From the confluence of an unnamed tributary approximately 5 km east of FM 2309 east of Brady upstream to FM 714	7	7	1	48.60	LD	NC	NC		No
2008	Organics	1416A_02	From the confluence of an unnamed tributary approximately 5 km east of FM 2309 east of Brady upstream to FM 714	5	5	0		LD	NC	NC		No
<b>Fish Consumption Use</b>												
<b>HH Bioaccumulative Toxics in water</b>												
2006	Chromium	1416A_02	From the confluence of an unnamed tributary approximately 5 km east of FM 2309 east of Brady upstream to FM 714	10	10		1.75	AD	FS	FS		No
2006	Lead	1416A_02	From the confluence of an unnamed tributary approximately 5 km east of FM 2309 east of Brady upstream to FM 714	10	10		0.50	AD	FS	FS		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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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:** 1416A **Brady Creek (unclassified water body)**

**Water body type:** Freshwater Stream

**Water body size:** 35 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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### General Use

#### Nutrient Screening Levels

2008	Ammonia	1416A_02	From the confluence of an unnamed tributary approximately 5 km east of FM 2309 east of Brady upstream to FM 714	27	27	0	0.33	AD	NC	NC		No
2008	Ammonia	1416A_03	From FM 714 upstream to Brady Lake dam	13	13	1	0.33	AD	NC	NC		No
2008	Chlorophyll-a	1416A_02	From the confluence of an unnamed tributary approximately 5 km east of FM 2309 east of Brady upstream to FM 714	27	27	18	14.10	AD	CS	CS		No
2008	Chlorophyll-a	1416A_03	From FM 714 upstream to Brady Lake dam	7	7	6	14.10	LD	CS	CS		No
2008	Nitrate	1416A_02	From the confluence of an unnamed tributary approximately 5 km east of FM 2309 east of Brady upstream to FM 714	28	28	25	1.95	AD	CS	CS		No
2008	Nitrate	1416A_03	From FM 714 upstream to Brady Lake dam	13	13	0	1.95	AD	NC	NC		No
2008	Orthophosphorus	1416A_02	From the confluence of an unnamed tributary approximately 5 km east of FM 2309 east of Brady upstream to FM 714	28	28	27	0.37	AD	CS	CS		No
2008	Orthophosphorus	1416A_03	From FM 714 upstream to Brady Lake dam	13	13	0	0.37	AD	NC	NC		No
2008	Total Phosphorus	1416A_02	From the confluence of an unnamed tributary approximately 5 km east of FM 2309 east of Brady upstream to FM 714	27	27	26	0.69	AD	CS	CS		No
2008	Total Phosphorus	1416A_03	From FM 714 upstream to Brady Lake dam	9	9	0	0.69	LD	NC	NC		No

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### Segment ID: 1416A Brady Creek (unclassified water body)

**Water body type:** Freshwater Stream

**Water body size:** 35 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2008 E. coli	1416A_02	From the confluence of an unnamed tributary approximately 5 km east of FM 2309 east of Brady upstream to FM 714	23	23	0	49.09	126.00	AD	FS	FS		No
2008 E. coli	1416A_03	From FM 714 upstream to Brady Lake dam	9	9	0	31.25	126.00	LD	NC	NC		No
2008 Fecal coliform	1416A_02	From the confluence of an unnamed tributary approximately 5 km east of FM 2309 east of Brady upstream to FM 714	12	12	0	53.98	200.00	SM	FS	FS		No
2008 Fecal coliform	1416A_03	From FM 714 upstream to Brady Lake dam	6	6	0	25.98	200.00	LD	NC	NC		No
<b>Bacteria Single Sample</b>												
2008 E. coli	1416A_02	From the confluence of an unnamed tributary approximately 5 km east of FM 2309 east of Brady upstream to FM 714	23	23	3		394.00	AD	FS	FS		No
2008 E. coli	1416A_03	From FM 714 upstream to Brady Lake dam	9	9	1		394.00	LD	NC	NC		No
2008 Fecal coliform	1416A_02	From the confluence of an unnamed tributary approximately 5 km east of FM 2309 east of Brady upstream to FM 714	12	12	0		400.00	SM	FS	FS		No
2008 Fecal coliform	1416A_03	From FM 714 upstream to Brady Lake dam	6	6	0		4.00	LD	NC	NC		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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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: 1416B Brady Creek Reservoir (unclassified water body)

**Water body type:** Reservoir

**Water body size:** 2,020 Acres

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Aquatic Life Use</b>												
<b>Dissolved Oxygen grab minimum</b>												
2006	Dissolved Oxygen Grab	1416B_01 From Brady Creek Reservoir dam up to pool elevation 1,743 ft.	14	14	0		3.00	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	1416B_01 From Brady Creek Reservoir dam up to pool elevation 1,743 ft.	14	14	2		5.00	AD	NC	NC		No
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2006	Ammonia	1416B_01 From Brady Creek Reservoir dam up to pool elevation 1,743 ft.	13	13	1		0.11	AD	NC	NC		No
2006	Chlorophyll-a	1416B_01 From Brady Creek Reservoir dam up to pool elevation 1,743 ft.	14	14	2		26.70	AD	NC	NC		No
2006	Nitrate	1416B_01 From Brady Creek Reservoir dam up to pool elevation 1,743 ft.	14	14	0		0.37	AD	NC	NC		No
2006	Orthophosphorus	1416B_01 From Brady Creek Reservoir dam up to pool elevation 1,743 ft.	13	13	0		0.05	AD	NC	NC		No
2006	Total Phosphorus	1416B_01 From Brady Creek Reservoir dam up to pool elevation 1,743 ft.	11	11	0		0.20	AD	NC	NC		No
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2006	E. coli	1416B_01 From Brady Creek Reservoir dam up to pool elevation 1,743 ft.	14	14		2.00	126.00	AD	FS	FS		No
<b>Bacteria Single Sample</b>												
2006	E. coli	1416B_01 From Brady Creek Reservoir dam up to pool elevation 1,743 ft.	14	14	0		394.00	AD	FS	FS		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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**Segment ID: 1417 Lower Pecan Bayou**

**Water body type:** Freshwater Stream

**Water body size:** 30 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Aquatic Life Use</b>												
<b>Dissolved Oxygen 24hr average</b>												
2008	Dissolved Oxygen 24hr Avg	1417_01	Entire water body	5	5	0	5.00	LD	NC	NC		No
<b>Dissolved Oxygen 24hr minimum</b>												
2008	Dissolved Oxygen 24hr Min	1417_01	Entire water body	5	5	0	3.00	LD	NC	NC		No
<b>Dissolved Oxygen grab minimum</b>												
2008	Dissolved Oxygen Grab	1417_01	Entire water body	41	41	0	3.00	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2008	Dissolved Oxygen Grab	1417_01	Entire water body	41	41	0	5.00	AD	NC	NC		No
<b>Toxic Substances in sediment</b>												
2008	Metals	1417_01	Entire water body	3	3	0		ID	NA	NA		No
<b>General Use</b>												
<b>Dissolved Solids</b>												
2008	Chloride	1417_01	Entire water body	42	42		91.75	AD	FS	FS		No
2008	Sulfate	1417_01	Entire water body	42	42		69.57	AD	FS	FS		No
2008	Total Dissolved Solids	1417_01	Entire water body	51	51		463.09	AD	FS	FS		No
<b>High pH</b>												
2008	pH	1417_01	Entire water body	41	41	1	9.00	AD	FS	FS		No
<b>Low pH</b>												
2008	pH	1417_01	Entire water body	41	41	0	6.50	AD	FS	FS		No
<b>Nutrient Screening Levels</b>												
2008	Ammonia	1417_01	Entire water body	42	42	0	0.33	AD	NC	NC		No
2008	Chlorophyll-a	1417_01	Entire water body	40	40	22	14.10	AD	CS	CS		No
2008	Nitrate	1417_01	Entire water body	41	41	13	1.95	AD	CS	CS		No
2008	Orthophosphorus	1417_01	Entire water body	40	40	6	0.37	AD	NC	NC		No
2008	Total Phosphorus	1417_01	Entire water body	42	42	0	0.69	AD	NC	NC		No
<b>Water Temperature</b>												
2008	Temperature	1417_01	Entire water body	51	51	0	32.20	AD	FS	FS		No

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**Segment ID:** 1417      **Lower Pecan Bayou**

**Water body type:** Freshwater Stream

**Water body size:** 30 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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### Recreation Use

#### **Bacteria Geomean**

2008	E. coli	1417_01	Entire water body	42	42	0	120.32	126.00	AD	FS	FS	No
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2008	Fecal coliform	1417_01	Entire water body	11	11	0	104.25	200.00	SM	FS	FS	No
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#### **Bacteria Single Sample**

2008	E. coli	1417_01	Entire water body	42	42	11		394.00	AD	CN	CN	No
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2008	Fecal coliform	1417_01	Entire water body	11	11	2		400.00	SM	FS	FS	No
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## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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**Segment ID: 1418 Lake Brownwood**

**Water body type:** Reservoir

**Water body size:** 7,290 Acres

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Aquatic Life Use</b>												
<b>Acute Toxic Substances in water</b>												
2006	Metals	1418_01	Mid-lake near dam	5	5	0		LD	NC	NC		No
2006	Metals	1418_02	West arm of lake	5	5	0		LD	NC	NC		No
2006	Metals	1418_03	North arm of lake	5	5	0		LD	NC	NC		No
<b>Chronic Toxic Substances in water</b>												
2006	Metals	1418_01	Mid-lake near dam	5	5			LD	NC	NC		No
2006	Metals	1418_02	West arm of lake	5	5			LD	NC	NC		No
2006	Metals	1418_03	North arm of lake	5	5			LD	NC	NC		No
<b>Dissolved Oxygen grab minimum</b>												
2008	Dissolved Oxygen Grab	1418_01	Mid-lake near dam	105	14	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	1418_02	West arm of lake	40	14	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	1418_03	North arm of lake	47	14	0	3.00	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2008	Dissolved Oxygen Grab	1418_01	Mid-lake near dam	105	14	0	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	1418_02	West arm of lake	40	14	0	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	1418_03	North arm of lake	47	14	0	5.00	AD	NC	NC		No
<b>Toxic Substances in sediment</b>												
2008	Manganese	1418_01	Mid-lake near dam	3	3	3	1,100.00	JQ	CS	CS		No
2008	Metals	1418_01	Mid-lake near dam	3	3	0		ID	NA	NA		No
2008	Metals	1418_02	West arm of lake	3	3	0		ID	NA	NA		No
2008	Metals	1418_03	North arm of lake	3	3	0		ID	NA	NA		No
2008	Organics	1418_03	North arm of lake	1	1	0		ID	NA	NA		No
<b>Fish Consumption Use</b>												
<b>Bioaccumulative Toxics in fish tissue</b>												
2006	Multiple	1418_01	Mid-lake near dam	2	2	0		ID	NA	NA		No
<b>HH Bioaccumulative Toxics in water</b>												
2006	Multiple	1418_01	Mid-lake near dam	5	5			LD	NC	NC		No



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**Segment ID: 1418 Lake Brownwood**

**Water body type:** Reservoir

**Water body size:** 7,290 Acres

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>General Use</b>												
<b>Dissolved Solids</b>												
2008	Chloride	1418_01	Mid-lake near dam	42	42	55.05	150.00	AD	FS	FS		No
2008	Chloride	1418_02	West arm of lake	42	42	55.05	150.00	AD	FS	FS		No
2008	Chloride	1418_03	North arm of lake	42	42	55.05	150.00	AD	FS	FS		No
2008	Sulfate	1418_01	Mid-lake near dam	42	42	36.57	100.00	AD	FS	FS		No
2008	Sulfate	1418_02	West arm of lake	42	42	36.57	100.00	AD	FS	FS		No
2008	Sulfate	1418_03	North arm of lake	42	42	36.57	100.00	AD	FS	FS		No
2008	Total Dissolved Solids	1418_01	Mid-lake near dam	45	45	297.31	500.00	AD	FS	FS		No
2008	Total Dissolved Solids	1418_02	West arm of lake	45	45	297.31	500.00	AD	FS	FS		No
2008	Total Dissolved Solids	1418_03	North arm of lake	45	45	297.31	500.00	AD	FS	FS		No
<b>High pH</b>												
2008	pH	1418_01	Mid-lake near dam	105	14	0	9.00	AD	FS	FS		No
2008	pH	1418_02	West arm of lake	40	14	0	9.00	AD	FS	FS		No
2008	pH	1418_03	North arm of lake	47	14	0	9.00	AD	FS	FS		No
<b>Low pH</b>												
2008	pH	1418_01	Mid-lake near dam	105	14	0	6.50	AD	FS	FS		No
2008	pH	1418_02	West arm of lake	40	14	0	6.50	AD	FS	FS		No
2008	pH	1418_03	North arm of lake	47	14	0	6.50	AD	FS	FS		No

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**Segment ID: 1418 Lake Brownwood**

**Water body type:** Reservoir

**Water body size:** 7,290 Acres

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2008	Ammonia	1418_01	Mid-lake near dam	12	12	0	0.11	AD	NC	NC		No
2008	Ammonia	1418_02	West arm of lake	13	13	0	0.11	AD	NC	NC		No
2008	Ammonia	1418_03	North arm of lake	13	13	0	0.11	AD	NC	NC		No
2008	Chlorophyll-a	1418_01	Mid-lake near dam	14	14	0	26.70	AD	NC	NC		No
2008	Chlorophyll-a	1418_02	West arm of lake	14	14	0	26.70	AD	NC	NC		No
2008	Chlorophyll-a	1418_03	North arm of lake	14	14	0	26.70	AD	NC	NC		No
2008	Nitrate	1418_01	Mid-lake near dam	13	13	0	0.37	AD	NC	NC		No
2008	Nitrate	1418_02	West arm of lake	13	13	0	0.37	AD	NC	NC		No
2008	Nitrate	1418_03	North arm of lake	13	13	0	0.37	AD	NC	NC		No
2008	Orthophosphorus	1418_01	Mid-lake near dam	13	13	0	0.05	AD	NC	NC		No
2008	Orthophosphorus	1418_02	West arm of lake	13	13	0	0.05	AD	NC	NC		No
2008	Orthophosphorus	1418_03	North arm of lake	13	13	1	0.05	AD	NC	NC		No
2008	Total Phosphorus	1418_01	Mid-lake near dam	12	12	0	0.20	AD	NC	NC		No
2008	Total Phosphorus	1418_02	West arm of lake	13	13	0	0.20	AD	NC	NC		No
2008	Total Phosphorus	1418_03	North arm of lake	13	13	0	0.20	AD	NC	NC		No
<b>Water Temperature</b>												
2008	Temperature	1418_01	Mid-lake near dam	105	14	0	32.20	AD	FS	FS		No
2008	Temperature	1418_02	West arm of lake	40	14	0	32.20	AD	FS	FS		No
2008	Temperature	1418_03	North arm of lake	47	14	0	32.20	AD	FS	FS		No

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**Segment ID: 1418 Lake Brownwood**

**Water body type:** Reservoir

**Water body size:** 7,290 Acres

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Public Water Supply Use</b>												
<b>Finished Drinking Water Dissolved Solids average</b>												
2008	Multiple	1418_01	Mid-lake near dam					OE	NC	NC		No
2008	Multiple	1418_02	West arm of lake					OE	NC	NC		No
2008	Multiple	1418_03	North arm of lake					OE	NC	NC		No
<b>Finished Drinking Water MCLs and Toxic Substances running average</b>												
2008	Multiple	1418_01	Mid-lake near dam					OE	FS	FS		No
2008	Multiple	1418_02	West arm of lake					OE	FS	FS		No
2008	Multiple	1418_03	North arm of lake					OE	FS	FS		No
<b>Finished Drinking Water MCLs Concern</b>												
2008	Multiple	1418_01	Mid-lake near dam					OE	NC	NC		No
2008	Multiple	1418_02	West arm of lake					OE	NC	NC		No
2008	Multiple	1418_03	North arm of lake					OE	NC	NC		No
<b>Surface Water HH criteria for PWS average</b>												
2006	Multiple	1418_01	Mid-lake near dam	5	5			LD	NC	NC		No
2006	Multiple	1418_02	West arm of lake	5	5			LD	NC	NC		No
2006	Multiple	1418_03	North arm of lake	5	5			LD	NC	NC		No
<b>Surface Water Toxic Substances average concern</b>												
2006	MTBE	1418_01	Mid-lake near dam	2	2	0.25	15.00	ID	NA	NA		No
2006	MTBE	1418_02	West arm of lake	2	2	0.25	15.00	ID	NA	NA		No
2006	MTBE	1418_03	North arm of lake	2	2	0.25	15.00	ID	NA	NA		No

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**Segment ID: 1418 Lake Brownwood**

**Water body type:** Reservoir

**Water body size:** 7,290 Acres

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2008	E. coli	1418_01	Mid-lake near dam	8	8	0	1.69	126.00	LD	NC	NC	No
2008	E. coli	1418_02	West arm of lake	10	10	0	0.81	126.00	AD	FS	FS	No
2008	E. coli	1418_03	North arm of lake	10	10	0	0.70	126.00	AD	FS	FS	No
2008	Enterococcus	1418_01	Mid-lake near dam	1	1	0	0.50	35.00	ID	NA	NA	No
2008	Fecal coliform	1418_01	Mid-lake near dam	8	8	0	1.53	200.00	LD	NC	NC	No
2008	Fecal coliform	1418_02	West arm of lake	7	7	0	3.13	200.00	SM	NC	NC	No
2008	Fecal coliform	1418_03	North arm of lake	7	7	0	4.22	200.00	SM	NC	NC	No
<b>Bacteria Single Sample</b>												
2008	E. coli	1418_01	Mid-lake near dam	8	8	0		394.00	LD	NC	NC	No
2008	E. coli	1418_02	West arm of lake	10	10	0		394.00	AD	FS	FS	No
2008	E. coli	1418_03	North arm of lake	10	10	0		394.00	AD	FS	FS	No
2008	Enterococcus	1418_01	Mid-lake near dam	1	1	0		89.00	ID	NA	NA	No
2008	Fecal coliform	1418_01	Mid-lake near dam	8	8	0		400.00	LD	NC	NC	No
2008	Fecal coliform	1418_02	West arm of lake	7	7	0		400.00	SM	NC	NC	No
2008	Fecal coliform	1418_03	North arm of lake	7	7	0		400.00	SM	NC	NC	No

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**Segment ID: 1418B Jim Ned Creek (unclassified water body)**

**Water body type:** Freshwater Stream

**Water body size:** 39 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Aquatic Life Use</b>												
<b>Acute Toxic Substances in water</b>												
2006	Metals	1418B_01	From the confluence of Lake Brownwood in Brown County upstream to the confluence of Indian Creek.	3	3	0		ID	NA	NA		No
<b>Chronic Toxic Substances in water</b>												
2006	Metals	1418B_01	From the confluence of Lake Brownwood in Brown County upstream to the confluence of Indian Creek.	3	3	0		ID	NA	NA		No
<b>Dissolved Oxygen grab minimum</b>												
2006	Dissolved Oxygen Grab	1418B_01	From the confluence of Lake Brownwood in Brown County upstream to the confluence of Indian Creek.	3	3	0	3.00	ID	NA	NA		No
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	1418B_01	From the confluence of Lake Brownwood in Brown County upstream to the confluence of Indian Creek.	3	3	0	4.00	ID	NA	NA		No
<b>Toxic Substances in sediment</b>												
2006	Metals	1418B_01	From the confluence of Lake Brownwood in Brown County upstream to the confluence of Indian Creek.	2	2	0		ID	NA	NA		No
<b>Fish Consumption Use</b>												
<b>HH Bioaccumulative Toxics in water</b>												
2006	Chromium	1418B_01	From the confluence of Lake Brownwood in Brown County upstream to the confluence of Indian Creek.	3	3		1.50	3,320.00	ID	NA	NA	No
2006	Lead	1418B_01	From the confluence of Lake Brownwood in Brown County upstream to the confluence of Indian Creek.	3	3		0.83	25.30	ID	NA	NA	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- Superseded by another method;  
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**Segment ID:** 1418B      **Jim Ned Creek (unclassified water body)**

**Water body type:** Freshwater Stream

**Water body size:** 39 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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### General Use

#### Nutrient Screening Levels

2006	Ammonia	1418B_01	From the confluence of Lake Brownwood in Brown County upstream to the confluence of Indian Creek.	2	2	0	0.33	ID	NA	NA		No
2006	Chlorophyll-a	1418B_01	From the confluence of Lake Brownwood in Brown County upstream to the confluence of Indian Creek.	3	3	0	14.10	ID	NA	NA		No
2006	Nitrate	1418B_01	From the confluence of Lake Brownwood in Brown County upstream to the confluence of Indian Creek.	3	3	0	1.95	ID	NA	NA		No
2006	Orthophosphorus	1418B_01	From the confluence of Lake Brownwood in Brown County upstream to the confluence of Indian Creek.	3	3	0	0.37	ID	NA	NA		No
2006	Total Phosphorus	1418B_01	From the confluence of Lake Brownwood in Brown County upstream to the confluence of Indian Creek.	2	2	0	0.69	ID	NA	NA		No

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**Segment ID:** 1418B **Jim Ned Creek (unclassified water body)**

**Water body type:** Freshwater Stream

**Water body size:** 39 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2006	E. coli	1418B_01	From the confluence of Lake Brownwood in Brown County upstream to the confluence of Indian Creek.	0	0		126.00	ID	NA	NA		No
2006	Fecal coliform	1418B_01	From the confluence of Lake Brownwood in Brown County upstream to the confluence of Indian Creek.	3	3	14.00	200.00	ID	NA	NA		No
<b>Bacteria Single Sample</b>												
2006	E. coli	1418B_01	From the confluence of Lake Brownwood in Brown County upstream to the confluence of Indian Creek.	0	0	0	394.00	ID	NA	NA		No
2006	Fecal coliform	1418B_01	From the confluence of Lake Brownwood in Brown County upstream to the confluence of Indian Creek.	3	3	0	400.00	ID	NA	NA		No

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### Segment ID: 1418C      Hords Creek Reservoir (unclassified water body)

**Water body type:** Reservoir

**Water body size:** 510 Acres

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Aquatic Life Use</b>												
<b>Acute Toxic Substances in water</b>												
2006	Metals	1418C_01	Entire water body	3	3	0		ID	NA	NA		No
<b>Chronic Toxic Substances in water</b>												
2006	Metals	1418C_01	Entire water body	3	3			ID	NA	NA		No
<b>Dissolved Oxygen grab minimum</b>												
2006	Dissolved Oxygen Grab	1418C_01	Entire water body	2	2	0	3.00	ID	NA	NA		No
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	1418C_01	Entire water body	2	2	0	5.00	ID	NA	NA		No
<b>Toxic Substances in sediment</b>												
2006	Manganese	1418C_01	Entire water body	1	1	1	1,100.00	ID	NA	NA		No
2006	Metals	1418C_01	Entire water body	1	1	0		ID	NA	NA		No
<b>Fish Consumption Use</b>												
<b>HH Bioaccumulative Toxics in water</b>												
2006	Chromium	1418C_01	Entire water body	3	3		1.70	ID	NA	NA		No
2006	Lead	1418C_01	Entire water body	3	3		1.50	ID	NA	NA		No
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2006	Ammonia	1418C_01	Entire water body	3	3	0	0.11	ID	NA	NA		No
2006	Chlorophyll-a	1418C_01	Entire water body	3	3	0	26.70	ID	NA	NA		No
2006	Nitrate	1418C_01	Entire water body	3	3	0	0.37	ID	NA	NA		No
2006	Orthophosphorus	1418C_01	Entire water body	3	3	0	0.05	ID	NA	NA		No
2006	Total Phosphorus	1418C_01	Entire water body	3	3	0	0.20	ID	NA	NA		No



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**Segment ID:** 1418C      **Hords Creek Reservoir (unclassified water body)**

**Water body type:** Reservoir

**Water body size:** 510 Acres

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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### Public Water Supply Use

#### Finished Drinking Water Dissolved Solids average

2006	Multiple	1418C_01	Entire water body					OE	NC	NC		No
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#### Finished Drinking Water MCLs and Toxic Substances running average

2006	Multiple	1418C_01	Entire water body					OE	FS	FS		No
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#### Finished Drinking Water MCLs Concern

2006	Multiple	1418C_01	Entire water body					OE	NC	NC		No
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#### Surface Water HH criteria for PWS average

2006	Multiple	1418C_01	Entire water body	3	3			ID	NA	NA		No
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### Recreation Use

#### Bacteria Geomean

2006	E. coli	1418C_01	Entire water body	1	1		0.50	126.00	ID	NA	NA	No
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2006	Fecal coliform	1418C_01	Entire water body	2	2		1.00	200.00	ID	NA	NA	No
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#### Bacteria Single Sample

2006	E. coli	1418C_01	Entire water body	1	1	0		394.00	ID	NA	NA	No
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2006	Fecal coliform	1418C_01	Entire water body	2	2	0		400.00	ID	NA	NA	No
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**Segment ID:** 1419      **Lake Coleman**

**Water body type:** Reservoir

**Water body size:** 2,000 Acres

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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### Aquatic Life Use

#### **Acute Toxic Substances in water**

2006	Multiple	1419_01	Entire lake	7	7	0		TR	NA	NA		No
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#### **Chronic Toxic Substances in water**

2006	Multiple	1419_01	Entire lake	7	7			TR	NA	NA		No
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#### **Dissolved Oxygen grab minimum**

2008	Dissolved Oxygen Grab	1419_01	Entire lake	75	14	0	3.00	AD	FS	FS		No
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#### **Dissolved Oxygen grab screening level**

2008	Dissolved Oxygen Grab	1419_01	Entire lake	75	14	1	5.00	AD	NC	NC		No
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#### **Toxic Substances in sediment**

2008	Metals	1419_01	Entire lake	4	4	0		LD	NC	NC		No
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2006	Organics	1419_01	Entire lake	1	1	0		ID	NA	NA		No
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### Fish Consumption Use

#### **HH Bioaccumulative Toxics in water**

2006	Multiple	1419_01	Entire lake	7	7			TR	NA	NA		No
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**Segment ID:** 1419      **Lake Coleman**

**Water body type:** Reservoir

**Water body size:** 2,000 Acres

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>General Use</b>												
<b>Dissolved Solids</b>												
2008	Chloride	1419_01	Entire lake	15	15		55.07	150.00	AD	FS	FS	No
2008	Sulfate	1419_01	Entire lake	15	15		40.60	100.00	AD	FS	FS	No
2008	Total Dissolved Solids	1419_01	Entire lake	16	16		298.60	500.00	AD	FS	FS	No
<b>High pH</b>												
2008	pH	1419_01	Entire lake	75	14	0		9.00	AD	FS	FS	No
<b>Low pH</b>												
2008	pH	1419_01	Entire lake	75	14	0		6.50	AD	FS	FS	No
<b>Nutrient Screening Levels</b>												
2008	Ammonia	1419_01	Entire lake	13	13	0		0.11	AD	NC	NC	No
2008	Chlorophyll-a	1419_01	Entire lake	15	15	0		26.70	AD	NC	NC	No
2008	Nitrate	1419_01	Entire lake	14	14	0		0.37	AD	NC	NC	No
2008	Orthophosphorus	1419_01	Entire lake	15	15	0		0.05	AD	NC	NC	No
2008	Total Phosphorus	1419_01	Entire lake	13	13	0		0.20	AD	NC	NC	No
<b>Water Temperature</b>												
2008	Temperature	1419_01	Entire lake	75	14	0		33.90	AD	FS	FS	No
<b>Public Water Supply Use</b>												
<b>Finished Drinking Water Dissolved Solids average</b>												
2008	Multiple	1419_01	Entire lake						OE	NC	NC	No
<b>Finished Drinking Water MCLs and Toxic Substances running average</b>												
2008	Multiple	1419_01	Entire lake						OE	FS	FS	No
<b>Finished Drinking Water MCLs Concern</b>												
2008	Multiple	1419_01	Entire lake						OE	NC	NC	No
<b>Surface Water HH criteria for PWS average</b>												
2006	Multiple	1419_01	Entire lake	7	7				TR	NA	NA	No

2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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Segment ID: 1419 Lake Coleman

Water body type: Reservoir Water body size: 2,000 Acres

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
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Recreation Use

Bacteria Geomean

2008	E. coli	1419_01	Entire lake	10	10	0	1.17	126.00	AD	FS	FS	No
2008	Fecal coliform	1419_01	Entire lake	6	6	0	1.20	200.00	SM	NC	NC	No

Bacteria Single Sample

2008	E. coli	1419_01	Entire lake	10	10	0		394.00	AD	FS	FS	No
2008	Fecal coliform	1419_01	Entire lake	6	6	0		400.00	SM	NC	NC	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- Inadequate Data; LD- Limited Data; TR- Not Temporally Representative; SR- Not Spatially Representative; SM- Superseded by another method;  
 JQ- Assessor Judgement; OE- Other Information Evaluated; OS- Out-of-State; AU ID - Assessment Unit ID \*Note: Carry-forward refers to impairments without sufficient information in 2008 to re-evaluate the level of support.

**Segment ID:** 1420      **Pecan Bayou Above Lake Brownwood**

**Water body type:** Freshwater Stream

**Water body size:** 51 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Aquatic Life Use</b>												
<b>Acute Toxic Substances in water</b>												
2006	Multiple	1420_01	Lower 25 miles	14	14	0		AD	FS	FS		No
<b>Chronic Toxic Substances in water</b>												
2006	Multiple	1420_01	Lower 25 miles	14	14			AD	FS	FS		No
<b>Dissolved Oxygen 24hr average</b>												
2008	Dissolved Oxygen 24hr Avg	1420_01	Lower 25 miles	4	4	0	5.00	LD	NC	NC		No
<b>Dissolved Oxygen 24hr minimum</b>												
2008	Dissolved Oxygen 24hr Min	1420_01	Lower 25 miles	4	4	0	3.00	LD	NC	NC		No
<b>Dissolved Oxygen grab minimum</b>												
2008	Dissolved Oxygen Grab	1420_01	Lower 25 miles	45	31	0	3.00	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2008	Dissolved Oxygen Grab	1420_01	Lower 25 miles	45	31	3	5.00	AD	NC	NC		No
<b>Toxic Substances in sediment</b>												
2008	Metals	1420_01	Lower 25 miles	4	4	0		LD	NC	NC		No
<b>Fish Consumption Use</b>												
<b>HH Bioaccumulative Toxics in water</b>												
2006	Chromium	1420_01	Lower 25 miles	14	14		1.50	AD	FS	FS		No
2006	Lead	1420_01	Lower 25 miles	14	14		0.60	AD	FS	FS		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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**Segment ID: 1420 Pecan Bayou Above Lake Brownwood**

**Water body type:** Freshwater Stream

**Water body size:** 51 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>General Use</b>												
<b>Dissolved Solids</b>												
2008	Chloride	1420_01	Lower 25 miles	36	36	70.88	500.00	AD	FS	FS		No
2008	Chloride	1420_02	Remainder of segment	36	36	70.88	500.00	AD	FS	FS		No
2008	Sulfate	1420_01	Lower 25 miles	36	36	68.88	500.00	AD	FS	FS		No
2008	Sulfate	1420_02	Remainder of segment	36	36	68.88	500.00	AD	FS	FS		No
2008	Total Dissolved Solids	1420_01	Lower 25 miles	40	40	402.71	1,500.00	AD	FS	FS		No
2008	Total Dissolved Solids	1420_02	Remainder of segment	40	40	402.71	1,500.00	AD	FS	FS		No
<b>High pH</b>												
2008	pH	1420_01	Lower 25 miles	49	35	0	9.00	AD	FS	FS		No
<b>Low pH</b>												
2008	pH	1420_01	Lower 25 miles	49	35	0	6.50	AD	FS	FS		No
<b>Nutrient Screening Levels</b>												
2008	Ammonia	1420_01	Lower 25 miles	35	35	0	0.33	AD	NC	NC		No
2008	Chlorophyll-a	1420_01	Lower 25 miles	36	36	10	14.10	AD	CS	CS		No
2008	Nitrate	1420_01	Lower 25 miles	35	35	0	1.95	AD	NC	NC		No
2008	Orthophosphorus	1420_01	Lower 25 miles	35	35	1	0.37	AD	NC	NC		No
2008	Total Phosphorus	1420_01	Lower 25 miles	34	34	0	0.69	AD	NC	NC		No
<b>Water Temperature</b>												
2008	Temperature	1420_01	Lower 25 miles	49	35	0	32.20	AD	FS	FS		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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**Segment ID:** 1420      **Pecan Bayou Above Lake Brownwood**

**Water body type:** Freshwater Stream

**Water body size:** 51 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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### Public Water Supply Use

#### Finished Drinking Water Dissolved Solids average

2008	Multiple	1420_01	Lower 25 miles					OE	NC	NC		No
2008	Multiple	1420_02	Remainder of segment					OE	NC	NC		No

#### Finished Drinking Water MCLs and Toxic Substances running average

2008	Multiple	1420_01	Lower 25 miles					OE	FS	FS		No
2008	Multiple	1420_02	Remainder of segment					OE	FS	FS		No

#### Finished Drinking Water MCLs Concern

2008	Multiple	1420_01	Lower 25 miles					OE	NC	NC		No
2008	Multiple	1420_02	Remainder of segment					OE	NC	NC		No

#### Surface Water HH criteria for PWS average

2006	Multiple	1420_01	Lower 25 miles	14	14			AD	FS	FS		No
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### Recreation Use

#### Bacteria Geomean

2008	E. coli	1420_01	Lower 25 miles	24	24	0	29.14	126.00	AD	FS	FS	No
2008	Fecal coliform	1420_01	Lower 25 miles	23	23	0	35.58	200.00	SM	FS	FS	No

#### Bacteria Single Sample

2008	E. coli	1420_01	Lower 25 miles	24	24	1		394.00	AD	FS	FS	No
2008	Fecal coliform	1420_01	Lower 25 miles	23	23	1		400.00	SM	FS	FS	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: 1421 Concho River**

**Water body type:** Freshwater Stream

**Water body size:** 68 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Aquatic Life Use</b>												
<b>Acute Ambient Toxicity tests in water</b>												
2006	Water Acute Toxicity	1421_08	North Concho River, from the confluence with the South Concho River upstream to O.C. Fisher dam	3	3	0		ID	NA	NA		No
<b>Acute Toxic Substances in water</b>												
2006	Metals	1421_01	Downstream end to Chandler Lake confluence	14	14	0		AD	FS	FS		No
2006	Metals	1421_07	From the dam near Vines Road upstream to the confluence of the North Concho River and the South Concho River	4	3	0		TR	NA	NA		No
2006	Metals	1421_08	North Concho River, from the confluence with the South Concho River upstream to O.C. Fisher dam	9	9	0		LD	NC	NC		No
2006	Organics	1421_01	Downstream end to Chandler Lake confluence	1	1	0		ID	NA	NA		No
<b>Chronic Ambient Toxicity tests in water</b>												
2006	Water Chronic Toxicity	1421_08	North Concho River, from the confluence with the South Concho River upstream to O.C. Fisher dam	3	3	0		ID	NA	NA		No
<b>Chronic Toxic Substances in water</b>												
2006	Metals	1421_01	Downstream end to Chandler Lake confluence	14	14			AD	FS	FS		No
2006	Metals	1421_07	From the dam near Vines Road upstream to the confluence of the North Concho River and the South Concho River	4	3			TR	NA	NA		No
2006	Metals	1421_08	North Concho River, from the confluence with the South Concho River upstream to O.C. Fisher dam	9	9			LD	NC	NC		No
2006	Organics	1421_01	Downstream end to Chandler Lake confluence	1	1			ID	NA	NA		No



## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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**Segment ID:** 1421 **Concho River**

**Water body type:** Freshwater Stream

**Water body size:** 68 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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### Aquatic Life Use

#### **Dissolved Oxygen 24hr average**

2008	Dissolved Oxygen 24hr Avg	1421_07	From the dam near Vines Road upstream to the confluence of the North Concho River and the South Concho River	4	4	0	5.00	LD	NC	NC		No
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2008	Dissolved Oxygen 24hr Avg	1421_08	North Concho River, from the confluence with the South Concho River upstream to O.C. Fisher dam	21	21	10	5.00	AD	NS	NS	5c	No
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2008	Dissolved Oxygen 24hr Avg	1421_09	South Concho River, from the confluence with the North Concho upstream to Nasworthy Dam	4	4	0	5.00	LD	NC	NC		No
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#### **Dissolved Oxygen 24hr minimum**

2008	Dissolved Oxygen 24hr Min	1421_07	From the dam near Vines Road upstream to the confluence of the North Concho River and the South Concho River	4	4	1	3.00	LD	NC	NC		No
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2008	Dissolved Oxygen 24hr Min	1421_08	North Concho River, from the confluence with the South Concho River upstream to O.C. Fisher dam	21	21	9	3.00	AD	NS	NS	5c	No
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2008	Dissolved Oxygen 24hr Min	1421_09	South Concho River, from the confluence with the North Concho upstream to Nasworthy Dam	4	4	0	3.00	LD	NC	NC		No
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## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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**Segment ID:** 1421      **Concho River**

**Water body type:** Freshwater Stream

**Water body size:** 68 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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### Aquatic Life Use

#### **Dissolved Oxygen grab minimum**

2008	Dissolved Oxygen Grab	1421_01	Downstream end to Chandler Lake confluence	74	74	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	1421_02	From Chandler Lake confluence upstream to confluence of Puddle Ck.	24	24	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	1421_03	From the confluence of Puddle Creek upstream to the confluence of Willow Creek	20	20	1	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	1421_04	From the confluence of Willow Creek upstream to the confluence of an unnamed tributary near Chandler Road	28	28	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	1421_05	From the confluence of an unnamed tributary near Chandler Rd. upstream to the confluence of Red Ck.	22	22	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	1421_06	From the confluence of Red Creek upstream to the dam near Vines Rd.	27	27	1	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	1421_07	From the dam near Vines Road upstream to the confluence of the North Concho River and the South Concho River	83	82	1	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	1421_08	North Concho River, from the confluence with the South Concho River upstream to O.C. Fisher dam	150	130	5	3.00	SM	FS	FS		No
2008	Dissolved Oxygen Grab	1421_09	South Concho River, from the confluence with the North Concho upstream to Nasworthy Dam	32	32	2	3.00	AD	FS	FS		No

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**Segment ID:** 1421      **Concho River**

**Water body type:** Freshwater Stream

**Water body size:** 68 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Aquatic Life Use</b>												
<b>Dissolved Oxygen grab screening level</b>												
2008	Dissolved Oxygen Grab	1421_01	Downstream end to Chandler Lake confluence	74	74	6	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	1421_02	From Chandler Lake confluence upstream to confluence of Puddle Ck.	24	24	3	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	1421_03	From the confluence of Puddle Creek upstream to the confluence of Willow Creek	20	20	6	5.00	AD	CS	CS		No
2008	Dissolved Oxygen Grab	1421_04	From the confluence of Willow Creek upstream to the confluence of an unnamed tributary near Chandler Road	28	28	0	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	1421_05	From the confluence of an unnamed tributary near Chandler Rd. upstream to the confluence of Red Ck.	22	22	6	5.00	AD	CS	CS		No
2008	Dissolved Oxygen Grab	1421_06	From the confluence of Red Creek upstream to the dam near Vines Rd.	27	27	5	5.00	AD	CS	CS		No
2008	Dissolved Oxygen Grab	1421_07	From the dam near Vines Road upstream to the confluence of the North Concho River and the South Concho River	83	82	10	5.00	AD	CS	CS		No
2008	Dissolved Oxygen Grab	1421_08	North Concho River, from the confluence with the South Concho River upstream to O.C. Fisher dam	150	130	27	5.00	SM	CS	CS		No
2008	Dissolved Oxygen Grab	1421_09	South Concho River, from the confluence with the North Concho upstream to Nasworthy Dam	32	32	9	5.00	AD	CS	CS		No
<b>Elutriate Toxicity tests in sediment</b>												
2006	Sediment Elutriate Toxicity	1421_08	North Concho River, from the confluence with the South Concho River upstream to O.C. Fisher dam	3	3	1		ID				No

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Segment ID: 1421 Concho River

Water body type: Freshwater Stream Water body size: 68 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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Aquatic Life Use

Macrobenthic Community

2008	Macrobenthic Community	1421_07	From the dam near Vines Road upstream to the confluence of the North Concho River and the South Concho River	0	0			ID	NA	NS	5c	Yes
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## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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**Segment ID:** 1421      **Concho River**

**Water body type:** Freshwater Stream

**Water body size:** 68 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Aquatic Life Use</b>												
<b>Toxic Substances in sediment</b>												
2008	Chromium	1421_08	North Concho River, from the confluence with the South Concho River upstream to O.C. Fisher dam	12	12	1	111.00	AD	NC	NC		No
2008	Chrysene	1421_08	North Concho River, from the confluence with the South Concho River upstream to O.C. Fisher dam	4	4	1	1,290.00	LD	NC	NC		No
2008	Copper	1421_08	North Concho River, from the confluence with the South Concho River upstream to O.C. Fisher dam	12	12	1	149.00	AD	NC	NC		No
2008	Lead	1421_08	North Concho River, from the confluence with the South Concho River upstream to O.C. Fisher dam	12	12	1	128.00	AD	NC	NC		No
2008	Metals	1421_08	North Concho River, from the confluence with the South Concho River upstream to O.C. Fisher dam	12	12	0		AD	NC	NC		No
2006	Multiple	1421_01	Downstream end to Chandler Lake confluence	1	1	0		ID	NA	NA		No
2008	Nickel	1421_08	North Concho River, from the confluence with the South Concho River upstream to O.C. Fisher dam	12	12	1	48.60	AD	NC	NC		No
2006	Organics	1421_08	North Concho River, from the confluence with the South Concho River upstream to O.C. Fisher dam	5	5	0		LD	NC	NC		No
2008	Pyrene	1421_08	North Concho River, from the confluence with the South Concho River upstream to O.C. Fisher dam	4	4	1	1,520.00	AD	NC	NC		No

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**Segment ID:** 1421      **Concho River**

**Water body type:** Freshwater Stream

**Water body size:** 68 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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### Fish Consumption Use

#### **Bioaccumulative Toxics in fish tissue**

2006	Multiple	1421_01	Downstream end to Chandler Lake confluence	2	2	0		ID	NA	NA		No
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#### **HH Bioaccumulative Toxics in water**

2006	Multiple	1421_01	Downstream end to Chandler Lake confluence	10	10			AD	FS	FS		No
2006	Multiple	1421_07	From the dam near Vines Road upstream to the confluence of the North Concho River and the South Concho River	4	3			ID	NA	NA		No
2006	Multiple	1421_08	North Concho River, from the confluence with the South Concho River upstream to O.C. Fisher dam	4	4			LD	NC	NC		No

2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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Segment ID: 1421 Concho River

Water body type: Freshwater Stream Water body size: 68 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of</u> <u>Samples</u>	<u>#</u> <u>Assessed</u>	<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> <u>Supp</u>	<u>Imp</u> <u>Category</u>	<u>Carry</u> <u>Forward</u>
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General Use

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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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: 1421 Concho River**

**Water body type:** Freshwater Stream

**Water body size:** 68 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>General Use</b>												
<b>Dissolved Solids</b>												
2008	Chloride	1421_01	Downstream end to Chandler Lake confluence	327	327	422.41	775.00	AD	FS	FS		No
2008	Chloride	1421_02	From Chandler Lake confluence upstream to confluence of Puddle Ck.	327	327	422.41	775.00	AD	FS	FS		No
2008	Chloride	1421_03	From the confluence of Puddle Creek upstream to the confluence of Willow Creek	327	327	422.41	775.00	AD	FS	FS		No
2008	Chloride	1421_04	From the confluence of Willow Creek upstream to the confluence of an unnamed tributary near Chandler Road	327	327	422.41	775.00	AD	FS	FS		No
2008	Chloride	1421_05	From the confluence of an unnamed tributary near Chandler Rd. upstream to the confluence of Red Ck.	327	327	422.41	775.00	AD	FS	FS		No
2008	Chloride	1421_06	From the confluence of Red Creek upstream to the dam near Vines Rd.	327	327	422.41	775.00	AD	FS	FS		No
2008	Chloride	1421_07	From the dam near Vines Road upstream to the confluence of the North Concho River and the South Concho River	327	327	422.41	775.00	AD	FS	FS		No
2008	Chloride	1421_08	North Concho River, from the confluence with the South Concho River upstream to O.C. Fisher dam	327	327	422.41	775.00	AD	FS	FS		No
2008	Chloride	1421_09	South Concho River, from the confluence with the North Concho upstream to Nasworthy Dam	327	327	422.41	775.00	AD	FS	FS		No
2008	Sulfate	1421_01	Downstream end to Chandler Lake confluence	324	324	262.56	425.00	AD	FS	FS		No
2008	Sulfate	1421_02	From Chandler Lake confluence upstream to confluence of Puddle Ck.	324	324	262.56	425.00	AD	FS	FS		No
2008	Sulfate	1421_03	From the confluence of Puddle Creek upstream to the confluence of Willow Creek	324	324	262.56	425.00	AD	FS	FS		No



## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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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: 1421 Concho River**

**Water body type:** Freshwater Stream

**Water body size:** 68 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>General Use</b>												
<b>Dissolved Solids</b>												
2008	Sulfate	1421_04	From the confluence of Willow Creek upstream to the confluence of an unnamed tributary near Chandler Road	324	324	262.56	425.00	AD	FS	FS		No
2008	Sulfate	1421_05	From the confluence of an unnamed tributary near Chandler Rd. upstream to the confluence of Red Ck.	324	324	262.56	425.00	AD	FS	FS		No
2008	Sulfate	1421_06	From the confluence of Red Creek upstream to the dam near Vines Rd.	324	324	262.56	425.00	AD	FS	FS		No
2008	Sulfate	1421_07	From the dam near Vines Road upstream to the confluence of the North Concho River and the South Concho River	324	324	262.56	425.00	AD	FS	FS		No
2008	Sulfate	1421_08	North Concho River, from the confluence with the South Concho River upstream to O.C. Fisher dam	324	324	262.56	425.00	AD	FS	FS		No
2008	Sulfate	1421_09	South Concho River, from the confluence with the North Concho upstream to Nasworthy Dam	324	324	262.56	425.00	AD	FS	FS		No
2008	Total Dissolved Solids	1421_01	Downstream end to Chandler Lake confluence	442	442	1,254.71	1,600.00	AD	FS	FS		No
2008	Total Dissolved Solids	1421_02	From Chandler Lake confluence upstream to confluence of Puddle Ck.	442	442	1,254.71	1,600.00	AD	FS	FS		No
2008	Total Dissolved Solids	1421_03	From the confluence of Puddle Creek upstream to the confluence of Willow Creek	442	442	1,254.71	1,600.00	AD	FS	FS		No
2008	Total Dissolved Solids	1421_04	From the confluence of Willow Creek upstream to the confluence of an unnamed tributary near Chandler Road	442	442	1,254.71	1,600.00	AD	FS	FS		No
2008	Total Dissolved Solids	1421_05	From the confluence of an unnamed tributary near Chandler Rd. upstream to the confluence of Red Ck.	442	442	1,254.71	1,600.00	AD	FS	FS		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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**Segment ID: 1421 Concho River**

**Water body type:** Freshwater Stream

**Water body size:** 68 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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### General Use

#### Dissolved Solids

2008	Total Dissolved Solids	1421_06	From the confluence of Red Creek upstream to the dam near Vines Rd.	442	442		1,254.71	1,600.00	AD	FS	FS	No
2008	Total Dissolved Solids	1421_07	From the dam near Vines Road upstream to the confluence of the North Concho River and the South Concho River	442	442		1,254.71	1,600.00	AD	FS	FS	No
2008	Total Dissolved Solids	1421_08	North Concho River, from the confluence with the South Concho River upstream to O.C. Fisher dam	442	442		1,254.71	1,600.00	AD	FS	FS	No
2008	Total Dissolved Solids	1421_09	South Concho River, from the confluence with the North Concho upstream to Nasworthy Dam	442	442		1,254.71	1,600.00	AD	FS	FS	No

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**Segment ID:** 1421      **Concho River**

**Water body type:** Freshwater Stream

**Water body size:** 68 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>General Use</b>												
<b>High pH</b>												
2008	pH	1421_01	Downstream end to Chandler Lake confluence	79	79	0	9.00	AD	FS	FS		No
2008	pH	1421_02	From Chandler Lake confluence upstream to confluence of Puddle Ck.	23	23	0	9.00	AD	FS	FS		No
2008	pH	1421_03	From the confluence of Puddle Creek upstream to the confluence of Willow Creek	24	24	0	9.00	AD	FS	FS		No
2008	pH	1421_04	From the confluence of Willow Creek upstream to the confluence of an unnamed tributary near Chandler Road	28	28	0	9.00	AD	FS	FS		No
2008	pH	1421_05	From the confluence of an unnamed tributary near Chandler Rd. upstream to the confluence of Red Ck.	21	21	0	9.00	AD	FS	FS		No
2008	pH	1421_06	From the confluence of Red Creek upstream to the dam near Vines Rd.	26	26	0	9.00	AD	FS	FS		No
2008	pH	1421_07	From the dam near Vines Road upstream to the confluence of the North Concho River and the South Concho River	79	78	1	9.00	AD	FS	FS		No
2008	pH	1421_08	North Concho River, from the confluence with the South Concho River upstream to O.C. Fisher dam	145	125	0	9.00	AD	FS	FS		No
2008	pH	1421_09	South Concho River, from the confluence with the North Concho upstream to Nasworthy Dam	32	32	0	9.00	AD	FS	FS		No

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**Segment ID:** 1421      **Concho River**

**Water body type:** Freshwater Stream

**Water body size:** 68 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>General Use</b>												
<b>Low pH</b>												
2008	pH	1421_01	Downstream end to Chandler Lake confluence	79	79	0	6.50	AD	FS	FS		No
2008	pH	1421_02	From Chandler Lake confluence upstream to confluence of Puddle Ck.	23	23	0	6.50	AD	FS	FS		No
2008	pH	1421_03	From the confluence of Puddle Creek upstream to the confluence of Willow Creek	24	24	0	6.50	AD	FS	FS		No
2008	pH	1421_04	From the confluence of Willow Creek upstream to the confluence of an unnamed tributary near Chandler Road	28	28	0	6.50	AD	FS	FS		No
2008	pH	1421_05	From the confluence of an unnamed tributary near Chandler Rd. upstream to the confluence of Red Ck.	21	21	0	6.50	AD	FS	FS		No
2008	pH	1421_06	From the confluence of Red Creek upstream to the dam near Vines Rd.	26	26	0	6.50	AD	FS	FS		No
2008	pH	1421_07	From the dam near Vines Road upstream to the confluence of the North Concho River and the South Concho River	79	78	0	6.50	AD	FS	FS		No
2008	pH	1421_08	North Concho River, from the confluence with the South Concho River upstream to O.C. Fisher dam	145	125	0	6.50	AD	FS	FS		No
2008	pH	1421_09	South Concho River, from the confluence with the North Concho upstream to Nasworthy Dam	32	32	0	6.50	AD	FS	FS		No

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**Segment ID:** 1421      **Concho River**

**Water body type:** Freshwater Stream

**Water body size:** 68 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2008	Ammonia	1421_01	Downstream end to Chandler Lake confluence	38	38	4	0.33	AD	NC	NC		No
2008	Ammonia	1421_02	From Chandler Lake confluence upstream to confluence of Puddle Ck.	17	17	1	0.33	AD	NC	NC		No
2008	Ammonia	1421_03	From the confluence of Puddle Creek upstream to the confluence of Willow Creek	16	16	2	0.33	AD	NC	NC		No
2008	Ammonia	1421_04	From the confluence of Willow Creek upstream to the confluence of an unnamed tributary near Chandler Road	28	28	0	0.33	AD	NC	NC		No
2008	Ammonia	1421_05	From the confluence of an unnamed tributary near Chandler Rd. upstream to the confluence of Red Ck.	14	14	3	0.33	AD	NC	NC		No
2008	Ammonia	1421_06	From the confluence of Red Creek upstream to the dam near Vines Rd.	18	18	3	0.33	AD	NC	NC		No
2008	Ammonia	1421_07	From the dam near Vines Road upstream to the confluence of the North Concho River and the South Concho River	43	43	5	0.33	AD	NC	NC		No
2008	Ammonia	1421_08	North Concho River, from the confluence with the South Concho River upstream to O.C. Fisher dam	33	33	0	0.33	AD	NC	NC		No
2008	Ammonia	1421_09	South Concho River, from the confluence with the North Concho upstream to Nasworthy Dam	20	20	1	0.33	AD	NC	NC		No
2008	Chlorophyll-a	1421_01	Downstream end to Chandler Lake confluence	10	10	9	14.10	AD	CS	CS		No
2008	Chlorophyll-a	1421_03	From the confluence of Puddle Creek upstream to the confluence of Willow Creek	4	4	4	14.10	LD	CS	CS		No

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**Segment ID: 1421 Concho River**

**Water body type:** Freshwater Stream

**Water body size:** 68 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2008	Chlorophyll-a	1421_04	From the confluence of Willow Creek upstream to the confluence of an unnamed tributary near Chandler Road	27	27	16	14.10	AD	CS	CS		No
2008	Chlorophyll-a	1421_07	From the dam near Vines Road upstream to the confluence of the North Concho River and the South Concho River	28	28	18	14.10	AD	CS	CS		No
2008	Chlorophyll-a	1421_08	North Concho River, from the confluence with the South Concho River upstream to O.C. Fisher dam	27	27	19	14.10	AD	CS	CS		No
2008	Chlorophyll-a	1421_09	South Concho River, from the confluence with the North Concho upstream to Nasworthy Dam	1	1	0	14.10	ID	NA	NA		No
2008	Nitrate	1421_01	Downstream end to Chandler Lake confluence	60	60	15	1.95	AD	NC	NC		No
2008	Nitrate	1421_02	From Chandler Lake confluence upstream to confluence of Puddle Ck.	17	17	8	1.95	AD	CS	CS		No
2008	Nitrate	1421_03	From the confluence of Puddle Creek upstream to the confluence of Willow Creek	19	19	9	1.95	AD	CS	CS		No
2008	Nitrate	1421_04	From the confluence of Willow Creek upstream to the confluence of an unnamed tributary near Chandler Road	27	27	11	1.95	AD	CS	CS		No
2008	Nitrate	1421_05	From the confluence of an unnamed tributary near Chandler Rd. upstream to the confluence of Red Ck.	15	15	5	1.95	AD	CS	CS		No
2008	Nitrate	1421_06	From the confluence of Red Creek upstream to the dam near Vines Rd.	18	18	6	1.95	AD	CS	CS		No
2008	Nitrate	1421_07	From the dam near Vines Road upstream to the confluence of the North Concho River and the South Concho River	54	54	3	1.95	AD	NC	NC		No

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**Segment ID: 1421 Concho River**

**Water body type:** Freshwater Stream

**Water body size:** 68 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2008	Nitrate	1421_08	North Concho River, from the confluence with the South Concho River upstream to O.C. Fisher dam	32	32	1	1.95	AD	NC	NC		No
2008	Nitrate	1421_09	South Concho River, from the confluence with the North Concho upstream to Nasworthy Dam	21	21	5	1.95	AD	NC	NC		No
2008	Orthophosphorus	1421_01	Downstream end to Chandler Lake confluence	37	37	7	0.37	AD	NC	NC		No
2008	Orthophosphorus	1421_02	From Chandler Lake confluence upstream to confluence of Puddle Ck.	14	14	7	0.37	AD	CS	CS		No
2008	Orthophosphorus	1421_03	From the confluence of Puddle Creek upstream to the confluence of Willow Creek	14	14	5	0.37	AD	CS	CS		No
2008	Orthophosphorus	1421_04	From the confluence of Willow Creek upstream to the confluence of an unnamed tributary near Chandler Road	27	27	0	0.37	AD	NC	NC		No
2008	Orthophosphorus	1421_05	From the confluence of an unnamed tributary near Chandler Rd. upstream to the confluence of Red Ck.	17	17	4	0.37	AD	NC	NC		No
2008	Orthophosphorus	1421_06	From the confluence of Red Creek upstream to the dam near Vines Rd.	15	15	5	0.37	AD	CS	CS		No
2008	Orthophosphorus	1421_07	From the dam near Vines Road upstream to the confluence of the North Concho River and the South Concho River	40	40	5	0.37	AD	NC	NC		No
2008	Orthophosphorus	1421_08	North Concho River, from the confluence with the South Concho River upstream to O.C. Fisher dam	27	27	1	0.37	AD	NC	NC		No
2008	Orthophosphorus	1421_09	South Concho River, from the confluence with the North Concho upstream to Nasworthy Dam	21	21	6	0.37	AD	NC	NC		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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**Segment ID:** 1421      **Concho River**

**Water body type:** Freshwater Stream

**Water body size:** 68 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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### General Use

#### Nutrient Screening Levels

2008	Total Phosphorus	1421_01	Downstream end to Chandler Lake confluence	13	13	0	0.69	AD	NC	NC		No
2008	Total Phosphorus	1421_02	From Chandler Lake confluence upstream to confluence of Puddle Ck.	5	5	0	0.69	LD	NC	NC		No
2008	Total Phosphorus	1421_03	From the confluence of Puddle Creek upstream to the confluence of Willow Creek	7	7	0	0.69	LD	NC	NC		No
2008	Total Phosphorus	1421_04	From the confluence of Willow Creek upstream to the confluence of an unnamed tributary near Chandler Road	28	28	0	0.69	AD	NC	NC		No
2008	Total Phosphorus	1421_06	From the confluence of Red Creek upstream to the dam near Vines Rd.	5	5	0	0.69	LD	NC	NC		No
2008	Total Phosphorus	1421_07	From the dam near Vines Road upstream to the confluence of the North Concho River and the South Concho River	31	31	0	0.69	AD	NC	NC		No
2008	Total Phosphorus	1421_08	North Concho River, from the confluence with the South Concho River upstream to O.C. Fisher dam	31	31	0	0.69	AD	NC	NC		No
2008	Total Phosphorus	1421_09	South Concho River, from the confluence with the North Concho upstream to Nasworthy Dam	6	6	0	0.69	LD	NC	NC		No



## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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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- Superseded by another method;  
 JQ- Assessor Judgement; OE- Other Information Evaluated; OS- Out-of-State; AU ID - Assessment Unit ID \*Note: Carry-forward refers to impairments without sufficient information in 2008 to re-evaluate the level of support.

**Segment ID:** 1421      **Concho River**

**Water body type:** Freshwater Stream

**Water body size:** 68 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>General Use</b>												
<b>Water Temperature</b>												
2008	Temperature	1421_01	Downstream end to Chandler Lake confluence	83	83	1	32.20	AD	FS	FS		No
2008	Temperature	1421_02	From Chandler Lake confluence upstream to confluence of Puddle Ck.	24	24	0	32.20	AD	FS	FS		No
2008	Temperature	1421_03	From the confluence of Puddle Creek upstream to the confluence of Willow Creek	24	24	0	32.20	AD	FS	FS		No
2008	Temperature	1421_04	From the confluence of Willow Creek upstream to the confluence of an unnamed tributary near Chandler Road	28	28	0	32.20	AD	FS	FS		No
2008	Temperature	1421_05	From the confluence of an unnamed tributary near Chandler Rd. upstream to the confluence of Red Ck.	22	22	0	32.20	AD	FS	FS		No
2008	Temperature	1421_06	From the confluence of Red Creek upstream to the dam near Vines Rd.	27	27	0	32.20	AD	FS	FS		No
2008	Temperature	1421_07	From the dam near Vines Road upstream to the confluence of the North Concho River and the South Concho River	95	94	3	32.20	AD	FS	FS		No
2008	Temperature	1421_08	North Concho River, from the confluence with the South Concho River upstream to O.C. Fisher dam	150	130	0	32.20	AD	FS	FS		No
2008	Temperature	1421_09	South Concho River, from the confluence with the North Concho upstream to Nasworthy Dam	32	32	0	32.20	AD	FS	FS		No

2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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Segment ID: 1421 Concho River

Water body type: Freshwater Stream Water body size: 68 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of</u> <u>Samples</u>	<u>#</u> <u>Assessed</u>	<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> <u>Supp</u>	<u>Imp</u> <u>Category</u>	<u>Carry</u> <u>Forward</u>
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Public Water Supply Use

## 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;  
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**Segment ID:** 1421      **Concho River**

**Water body type:** Freshwater Stream

**Water body size:** 68 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Public Water Supply Use</b>												
<b>Finished Drinking Water Dissolved Solids average</b>												
2008	Chloride	1421_01	Downstream end to Chandler Lake confluence				300.00	OE	NC	NC		No
2008	Chloride	1421_02	From Chandler Lake confluence upstream to confluence of Puddle Ck.				300.00	OE	NC	NC		No
2008	Chloride	1421_03	From the confluence of Puddle Creek upstream to the confluence of Willow Creek				300.00	OE	NC	NC		No
2008	Chloride	1421_04	From the confluence of Willow Creek upstream to the confluence of an unnamed tributary near Chandler Road				300.00	OE	NC	NC		No
2008	Chloride	1421_05	From the confluence of an unnamed tributary near Chandler Rd. upstream to the confluence of Red Ck.				300.00	OE	NC	NC		No
2008	Chloride	1421_06	From the confluence of Red Creek upstream to the dam near Vines Rd.				300.00	OE	NC	NC		No
2008	Chloride	1421_07	From the dam near Vines Road upstream to the confluence of the North Concho River and the South Concho River				300.00	OE	NC	NC		No
2008	Chloride	1421_08	North Concho River, from the confluence with the South Concho River upstream to O.C. Fisher dam				300.00	OE	NC	NC		No
2008	Chloride	1421_09	South Concho River, from the confluence with the North Concho upstream to Nasworthy Dam				300.00	OE	NC	NC		No
2008	Sulfate	1421_01	Downstream end to Chandler Lake confluence				300.00	OE	NC	NC		No
2008	Sulfate	1421_02	From Chandler Lake confluence upstream to confluence of Puddle Ck.				300.00	OE	NC	NC		No
2008	Sulfate	1421_03	From the confluence of Puddle Creek upstream to the confluence of Willow Creek				300.00	OE	NC	NC		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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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: 1421 Concho River**

**Water body type:** Freshwater Stream

**Water body size:** 68 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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### Public Water Supply Use

#### Finished Drinking Water Dissolved Solids average

2008	Sulfate	1421_04	From the confluence of Willow Creek upstream to the confluence of an unnamed tributary near Chandler Road				300.00	OE	NC	NC		No
2008	Sulfate	1421_05	From the confluence of an unnamed tributary near Chandler Rd. upstream to the confluence of Red Ck.				300.00	OE	NC	NC		No
2008	Sulfate	1421_06	From the confluence of Red Creek upstream to the dam near Vines Rd.				300.00	OE	NC	NC		No
2008	Sulfate	1421_07	From the dam near Vines Road upstream to the confluence of the North Concho River and the South Concho River				300.00	OE	NC	NC		No
2008	Sulfate	1421_08	North Concho River, from the confluence with the South Concho River upstream to O.C. Fisher dam				300.00	OE	NC	NC		No
2008	Sulfate	1421_09	South Concho River, from the confluence with the North Concho upstream to Nasworthy Dam				300.00	OE	NC	NC		No
2008	Total Dissolved Solids	1421_01	Downstream end to Chandler Lake confluence				1,000.00	OE	NC	NC		No
2008	Total Dissolved Solids	1421_02	From Chandler Lake confluence upstream to confluence of Puddle Ck.				1,000.00	OE	NC	NC		No
2008	Total Dissolved Solids	1421_03	From the confluence of Puddle Creek upstream to the confluence of Willow Creek				1,000.00	OE	NC	NC		No
2008	Total Dissolved Solids	1421_04	From the confluence of Willow Creek upstream to the confluence of an unnamed tributary near Chandler Road				1,000.00	OE	NC	NC		No
2008	Total Dissolved Solids	1421_05	From the confluence of an unnamed tributary near Chandler Rd. upstream to the confluence of Red Ck.				1,000.00	OE	NC	NC		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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**Segment ID:** 1421      **Concho River**

**Water body type:** Freshwater Stream

**Water body size:** 68 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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### Public Water Supply Use

#### **Finished Drinking Water Dissolved Solids average**

2008	Total Dissolved Solids	1421_06	From the confluence of Red Creek upstream to the dam near Vines Rd.				1,000.00	OE	NC	NC		No
2008	Total Dissolved Solids	1421_07	From the dam near Vines Road upstream to the confluence of the North Concho River and the South Concho River				1,000.00	OE	NC	NC		No
2008	Total Dissolved Solids	1421_08	North Concho River, from the confluence with the South Concho River upstream to O.C. Fisher dam				1,000.00	OE	NC	NC		No
2008	Total Dissolved Solids	1421_09	South Concho River, from the confluence with the North Concho upstream to Nasworthy Dam				1,000.00	OE	NC	NC		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;  
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**Segment ID:** 1421      **Concho River**

**Water body type:** Freshwater Stream

**Water body size:** 68 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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### Public Water Supply Use

#### Finished Drinking Water MCLs and Toxic Substances running average

2008	Multiple	1421_01	Downstream end to Chandler Lake confluence					OE	FS	FS		No
2008	Multiple	1421_02	From Chandler Lake confluence upstream to confluence of Puddle Ck.					OE	FS	FS		No
2008	Multiple	1421_03	From the confluence of Puddle Creek upstream to the confluence of Willow Creek					OE	FS	FS		No
2008	Multiple	1421_04	From the confluence of Willow Creek upstream to the confluence of an unnamed tributary near Chandler Road					OE	FS	FS		No
2008	Multiple	1421_05	From the confluence of an unnamed tributary near Chandler Rd. upstream to the confluence of Red Ck.					OE	FS	FS		No
2008	Multiple	1421_06	From the confluence of Red Creek upstream to the dam near Vines Rd.					OE	FS	FS		No
2008	Multiple	1421_07	From the dam near Vines Road upstream to the confluence of the North Concho River and the South Concho River					OE	FS	FS		No
2008	Multiple	1421_08	North Concho River, from the confluence with the South Concho River upstream to O.C. Fisher dam					OE	FS	FS		No
2008	Multiple	1421_09	South Concho River, from the confluence with the North Concho upstream to Nasworthy Dam					OE	FS	FS		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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**Segment ID:** 1421      **Concho River**

**Water body type:** Freshwater Stream

**Water body size:** 68 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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### Public Water Supply Use

#### **Finished Drinking Water MCLs Concern**

2008	Multiple	1421_01	Downstream end to Chandler Lake confluence					OE	NC	NC		No
2008	Multiple	1421_02	From Chandler Lake confluence upstream to confluence of Puddle Ck.					OE	NC	NC		No
2008	Multiple	1421_03	From the confluence of Puddle Creek upstream to the confluence of Willow Creek					OE	NC	NC		No
2008	Multiple	1421_04	From the confluence of Willow Creek upstream to the confluence of an unnamed tributary near Chandler Road					OE	NC	NC		No
2008	Multiple	1421_05	From the confluence of an unnamed tributary near Chandler Rd. upstream to the confluence of Red Ck.					OE	NC	NC		No
2008	Multiple	1421_06	From the confluence of Red Creek upstream to the dam near Vines Rd.					OE	NC	NC		No
2008	Multiple	1421_07	From the dam near Vines Road upstream to the confluence of the North Concho River and the South Concho River					OE	NC	NC		No
2008	Multiple	1421_08	North Concho River, from the confluence with the South Concho River upstream to O.C. Fisher dam					OE	NC	NC		No
2008	Multiple	1421_09	South Concho River, from the confluence with the North Concho upstream to Nasworthy Dam					OE	NC	NC		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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**Segment ID:** 1421 **Concho River**

**Water body type:** Freshwater Stream

**Water body size:** 68 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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### Public Water Supply Use

#### Surface Water HH criteria for PWS average

2006	Fluoride	1421_04	From the confluence of Willow Creek upstream to the confluence of an unnamed tributary near Chandler Road	14	14	0.45	4,000.00	AD	FS	FS		No
2006	Fluoride	1421_08	North Concho River, from the confluence with the South Concho River upstream to O.C. Fisher dam	12	12		4,000.00	AD	FS	FS		No
2006	Multiple	1421_01	Downstream end to Chandler Lake confluence	11	11			AD	FS	FS		No
2006	Multiple	1421_07	From the dam near Vines Road upstream to the confluence of the North Concho River and the South Concho River	14	14			AD	FS	FS		No

#### Surface Water Toxic Substances average concern

2006	MTBE	1421_08	North Concho River, from the confluence with the South Concho River upstream to O.C. Fisher dam	4	4		15.00	TR	NA	NA		No
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2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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Segment ID: 1421 Concho River

Water body type: Freshwater Stream Water body size: 68 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of</u> <u>Samples</u>	<u>#</u> <u>Assessed</u>	<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> <u>Supp</u>	<u>Imp</u> <u>Category</u>	<u>Carry</u> <u>Forward</u>
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Recreation Use

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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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:** 1421      **Concho River**

**Water body type:** Freshwater Stream

**Water body size:** 68 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward	
Recreation Use													
Bacteria Geomean													
2008	E. coli	1421_01	Downstream end to Chandler Lake confluence	13	13	0	23.15	126.00	AD	FS	FS	No	
2008	E. coli	1421_02	From Chandler Lake confluence upstream to confluence of Puddle Ck.	6	6	0	34.74	126.00	LD	NC	NC	No	
2008	E. coli	1421_03	From the confluence of Puddle Creek upstream to the confluence of Willow Creek	6	6	0	97.89	126.00	LD	NC	NC	No	
2008	E. coli	1421_04	From the confluence of Willow Creek upstream to the confluence of an unnamed tributary near Chandler Road	22	22	0	12.77	126.00	AD	FS	FS	No	
2008	E. coli	1421_05	From the confluence of an unnamed tributary near Chandler Rd. upstream to the confluence of Red Ck.	1	1	0	77.00	126.00	ID	NA	NA	No	
2008	E. coli	1421_06	From the confluence of Red Creek upstream to the dam near Vines Rd.	6	6	0	31.85	126.00	LD	NC	NC	No	
2008	E. coli	1421_07	From the dam near Vines Road upstream to the confluence of the North Concho River and the South Concho River	28	28	0	36.71	126.00	AD	FS	FS	No	
2008	E. coli	1421_08	North Concho River, from the confluence with the South Concho River upstream to O.C. Fisher dam	27	27	1	152.51	126.00	AD	NS	NS	5c	No
2008	E. coli	1421_09	South Concho River, from the confluence with the North Concho upstream to Nasworthy Dam	9	9	0	31.10	126.00	LD	NC	NC	No	
2008	Fecal coliform	1421_01	Downstream end to Chandler Lake confluence	16	16	0	37.03	200.00	SM	FS	FS	No	
2008	Fecal coliform	1421_02	From Chandler Lake confluence upstream to confluence of Puddle Ck.	14	14	0	61.03	200.00	AD	FS	FS	No	
2008	Fecal coliform	1421_03	From the confluence of Puddle Creek upstream to the confluence of Willow Creek	14	14	0	37.73	200.00	AD	FS	FS	No	

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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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:** 1421      **Concho River**

**Water body type:** Freshwater Stream

**Water body size:** 68 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2008	Fecal coliform	1421_04	From the confluence of Willow Creek upstream to the confluence of an unnamed tributary near Chandler Road	13	13	0	20.49	200.00	SM	FS	FS	No
2008	Fecal coliform	1421_05	From the confluence of an unnamed tributary near Chandler Rd. upstream to the confluence of Red Ck.	18	18	0	68.45	200.00	AD	FS	FS	No
2008	Fecal coliform	1421_06	From the confluence of Red Creek upstream to the dam near Vines Rd.	16	16	0	19.56	200.00	AD	FS	FS	No
2008	Fecal coliform	1421_07	From the dam near Vines Road upstream to the confluence of the North Concho River and the South Concho River	27	27	0	52.05	200.00	SM	FS	FS	No
2008	Fecal coliform	1421_08	North Concho River, from the confluence with the South Concho River upstream to O.C. Fisher dam	13	13	0	102.47	200.00	SM	FS	FS	No
2008	Fecal coliform	1421_09	South Concho River, from the confluence with the North Concho upstream to Nasworthy Dam	18	18	0	19.24	200.00	AD	FS	FS	No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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**Segment ID:** 1421      **Concho River**

**Water body type:** Freshwater Stream

**Water body size:** 68 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Recreation Use</b>												
<b>Bacteria Single Sample</b>												
2008	E. coli	1421_01	Downstream end to Chandler Lake confluence	13	13	0	394.00	AD	FS	FS		No
2008	E. coli	1421_02	From Chandler Lake confluence upstream to confluence of Puddle Ck.	6	6	0	394.00	LD	NC	NC		No
2008	E. coli	1421_03	From the confluence of Puddle Creek upstream to the confluence of Willow Creek	6	6	0	394.00	LD	NC	NC		No
2008	E. coli	1421_04	From the confluence of Willow Creek upstream to the confluence of an unnamed tributary near Chandler Road	22	22	1	394.00	AD	FS	FS		No
2008	E. coli	1421_05	From the confluence of an unnamed tributary near Chandler Rd. upstream to the confluence of Red Ck.	1	1	0	394.00	ID	NA	NA		No
2008	E. coli	1421_06	From the confluence of Red Creek upstream to the dam near Vines Rd.	6	6	0	394.00	LD	NC	NC		No
2008	E. coli	1421_07	From the dam near Vines Road upstream to the confluence of the North Concho River and the South Concho River	28	28	1	394.00	AD	FS	FS		No
2008	E. coli	1421_08	North Concho River, from the confluence with the South Concho River upstream to O.C. Fisher dam	27	27	7	394.00	AD	FS	FS		No
2008	E. coli	1421_09	South Concho River, from the confluence with the North Concho upstream to Nasworthy Dam	9	9	1	394.00	LD	NC	NC		No
2008	Fecal coliform	1421_01	Downstream end to Chandler Lake confluence	16	16	1	400.00	SM	FS	FS		No
2008	Fecal coliform	1421_02	From Chandler Lake confluence upstream to confluence of Puddle Ck.	14	14	2	400.00	AD	FS	FS		No
2008	Fecal coliform	1421_03	From the confluence of Puddle Creek upstream to the confluence of Willow Creek	14	14	1	400.00	AD	FS	FS		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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**Segment ID:** 1421      **Concho River**

**Water body type:** Freshwater Stream

**Water body size:** 68 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Recreation Use</b>												
<b>Bacteria Single Sample</b>												
2008	Fecal coliform	1421_04	From the confluence of Willow Creek upstream to the confluence of an unnamed tributary near Chandler Road	13	13	0	400.00	SM	FS	FS		No
2008	Fecal coliform	1421_05	From the confluence of an unnamed tributary near Chandler Rd. upstream to the confluence of Red Ck.	18	18	2	400.00	AD	FS	FS		No
2008	Fecal coliform	1421_06	From the confluence of Red Creek upstream to the dam near Vines Rd.	16	16	0	400.00	AD	FS	FS		No
2008	Fecal coliform	1421_07	From the dam near Vines Road upstream to the confluence of the North Concho River and the South Concho River	27	27	4	400.00	SM	FS	FS		No
2008	Fecal coliform	1421_08	North Concho River, from the confluence with the South Concho River upstream to O.C. Fisher dam	13	13	2	400.00	SM	FS	FS		No
2008	Fecal coliform	1421_09	South Concho River, from the confluence with the North Concho upstream to Nasworthy Dam	18	18	1	400.00	AD	FS	FS		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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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- Superseded by another method;  
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**Segment ID:** 1421A **Dry Hollow Creek (unclassified water body)**

**Water body type:** Freshwater Stream

**Water body size:** 17 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Aquatic Life Use</b>												
<b>Dissolved Oxygen grab minimum</b>												
2006	Dissolved Oxygen Grab	1421A_01 Entire water body	10	10	1		3.00	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	1421A_01 Entire water body	10	10	1		5.00	AD	NC	NC		No
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2006	Ammonia	1421A_01 Entire water body	2	2	0		0.33	ID	NA	NA		No
2006	Chlorophyll-a	1421A_01 Entire water body	2	2	1		14.10	ID	NA	NA		No
2006	Nitrate	1421A_01 Entire water body	10	10	4		1.95	AD	CS	CS		No
2006	Orthophosphorus	1421A_01 Entire water body	3	3	0		0.37	ID	NA	NA		No
2006	Total Phosphorus	1421A_01 Entire water body	3	3	0		0.69	ID	NA	NA		No
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2006	E. coli	1421A_01 Entire water body	1	1		55.00	126.00	ID	NA	NA		No
2006	Fecal coliform	1421A_01 Entire water body	0	0			200.00	ID	NA	NA		No
<b>Bacteria Single Sample</b>												
2006	E. coli	1421A_01 Entire water body	1	1	0		394.00	ID	NA	NA		No
2006	Fecal coliform	1421A_01 Entire water body	0	0			400.00	ID	NA	NA		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- Superseded by another method;  
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**Segment ID:** 1421B      **Kickapoo Creek (unclassified water body)**

**Water body type:** Freshwater Stream

**Water body size:** 47 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Aquatic Life Use</b>												
<b>Dissolved Oxygen grab minimum</b>												
2006	Dissolved Oxygen Grab	1421B_01 Lower 25 miles of creek	9	9	0		2.00	LD	NC	NC		No
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	1421B_01 Lower 25 miles of creek	9	9	1		3.00	LD	NC	NC		No
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2006	Ammonia	1421B_01 Lower 25 miles of creek	2	2	0		0.33	ID	NA	NA		No
2006	Chlorophyll-a	1421B_01 Lower 25 miles of creek	2	2	0		14.10	ID	NA	NA		No
2006	Nitrate	1421B_01 Lower 25 miles of creek	9	9	0		1.95	LD	NC	NC		No
2006	Orthophosphorus	1421B_01 Lower 25 miles of creek	3	3	0		0.37	ID	NA	NA		No
2006	Total Phosphorus	1421B_01 Lower 25 miles of creek	3	3	0		0.69	ID	NA	NA		No
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2006	E. coli	1421B_01 Lower 25 miles of creek	1	1		1.80	126.00	ID	NA	NA		No
<b>Bacteria Single Sample</b>												
2006	E. coli	1421B_01 Lower 25 miles of creek	1	1	0		394.00	ID	NA	NA		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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**Segment ID:** 1422      **Lake Nasworthy**

**Water body type:** Reservoir

**Water body size:** 1,596 Acres

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Aquatic Life Use</b>												
<b>Acute Toxic Substances in water</b>												
2006	Metals	1422_01	Lower half of lake	7	7	0		LD	NC	NC		No
<b>Chronic Toxic Substances in water</b>												
2006	Metals	1422_01	Lower half of lake	7	7			LD	NC	NC		No
<b>Dissolved Oxygen grab minimum</b>												
2008	Dissolved Oxygen Grab	1422_01	Lower half of lake	371	84	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	1422_02	Upper half of lake	118	38	0	3.00	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2008	Dissolved Oxygen Grab	1422_01	Lower half of lake	371	84	2	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	1422_02	Upper half of lake	118	38	0	5.00	AD	NC	NC		No
<b>Toxic Substances in sediment</b>												
2008	Metals	1422_01	Lower half of lake	6	6	0		LD	NC	NC		No
2008	Organics	1422_01	Lower half of lake	5	5	0		LD	NA	NA		No
2008	Pyrene	1422_01	Lower half of lake	5	5	1	46.52	LD	NC	NC		No
<b>Fish Consumption Use</b>												
<b>Bioaccumulative Toxics in fish tissue</b>												
2006	Multiple	1422_01	Lower half of lake	2	2	0		ID	NA	NA		No
<b>HH Bioaccumulative Toxics in water</b>												
2006	Multiple	1422_01	Lower half of lake	7	7			LD	NC	NC		No
2006	Multiple	1422_02	Upper half of lake	7	7			LD	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.

**Segment ID:** 1422      **Lake Nasworthy**

**Water body type:** Reservoir

**Water body size:** 1,596 Acres

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>General Use</b>												
<b>Dissolved Solids</b>												
2008	Chloride	1422_01	Lower half of lake	111	111	345.95	450.00	AD	FS	FS		No
2008	Chloride	1422_02	Upper half of lake	111	111	345.95	450.00	AD	FS	FS		No
2008	Sulfate	1422_01	Lower half of lake	111	111	125.54	400.00	AD	FS	FS		No
2008	Sulfate	1422_02	Upper half of lake	111	111	125.54	400.00	AD	FS	FS		No
2008	Total Dissolved Solids	1422_01	Lower half of lake	124	124	1,006.70	1,500.00	AD	FS	FS		No
2008	Total Dissolved Solids	1422_02	Upper half of lake	124	124	1,006.70	1,500.00	AD	FS	FS		No
<b>High pH</b>												
2008	pH	1422_01	Lower half of lake	373	85	0	9.00	AD	FS	FS		No
2008	pH	1422_02	Upper half of lake	119	38	0	9.00	AD	FS	FS		No
<b>Low pH</b>												
2008	pH	1422_01	Lower half of lake	373	85	0	6.50	AD	FS	FS		No
2008	pH	1422_02	Upper half of lake	119	38	0	6.50	AD	FS	FS		No
<b>Nutrient Screening Levels</b>												
2008	Ammonia	1422_01	Lower half of lake	71	71	7	0.11	AD	NC	NC		No
2008	Ammonia	1422_02	Upper half of lake	33	33	0	0.11	AD	NC	NC		No
2008	Chlorophyll-a	1422_01	Lower half of lake	55	55	2	26.70	AD	NC	NC		No
2008	Chlorophyll-a	1422_02	Upper half of lake	25	25	3	26.70	AD	NC	NC		No
2008	Nitrate	1422_01	Lower half of lake	74	74	6	0.37	AD	NC	NC		No
2008	Nitrate	1422_02	Upper half of lake	31	31	0	0.37	AD	NC	NC		No
2008	Orthophosphorus	1422_01	Lower half of lake	67	67	13	0.05	AD	NC	NC		No
2008	Orthophosphorus	1422_02	Upper half of lake	31	31	8	0.05	AD	NC	NC		No
2008	Total Phosphorus	1422_01	Lower half of lake	60	60	0	0.20	AD	NC	NC		No
2008	Total Phosphorus	1422_02	Upper half of lake	28	28	0	0.20	AD	NC	NC		No
<b>Water Temperature</b>												
2008	Temperature	1422_01	Lower half of lake	373	85	0	33.90	AD	FS	FS		No
2008	Temperature	1422_02	Upper half of lake	119	38	0	33.90	AD	FS	FS		No

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**Segment ID:** 1422      **Lake Nasworthy**

**Water body type:** Reservoir

**Water body size:** 1,596 Acres

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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### Public Water Supply Use

#### Finished Drinking Water Dissolved Solids average

2008	Multiple	1422_01	Lower half of lake					OE	NC	NC		No
2008	Multiple	1422_02	Upper half of lake					OE	NC	NC		No

#### Finished Drinking Water MCLs and Toxic Substances running average

2008	Multiple	1422_01	Lower half of lake					OE	FS	FS		No
2008	Multiple	1422_02	Upper half of lake					OE	FS	FS		No

#### Finished Drinking Water MCLs Concern

2008	Multiple	1422_01	Lower half of lake					OE	NC	NC		No
2008	Multiple	1422_02	Upper half of lake					OE	NC	NC		No

#### Surface Water HH criteria for PWS average

2006	Fluoride	1422_01	Lower half of lake	32	32		4,000.00	AD	FS	FS		No
2006	Fluoride	1422_02	Upper half of lake	10	10		4,000.00	AD	FS	FS		No
2006	Multiple	1422_01	Lower half of lake	7	7			LD	NC	NC		No
2006	Multiple	1422_02	Upper half of lake	7	7			LD	NC	NC		No

#### Surface Water Toxic Substances average concern

2006	MTBE	1422_01	Lower half of lake	7	7		15.00	LD	NC	NC		No
2006	MTBE	1422_02	Upper half of lake	7	7		15.00	LD	NC	NC		No

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**Segment ID:** 1422      **Lake Nasworthy**

**Water body type:** Reservoir

**Water body size:** 1,596 Acres

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry- Forward</u>
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2008	E. coli	1422_01	Lower half of lake	49	49	0	10.31	126.00	AD	FS	FS	No
2008	E. coli	1422_02	Upper half of lake	23	23	0	6.41	126.00	AD	FS	FS	No
2008	Enterococcus	1422_01	Lower half of lake	1	1	0	5.00	35.00	ID	NA	NA	No
2008	Fecal coliform	1422_01	Lower half of lake	43	43	0	14.16	200.00	SM	FS	FS	No
2008	Fecal coliform	1422_02	Upper half of lake	23	23	0	15.85	200.00	SM	FS	FS	No
<b>Bacteria Single Sample</b>												
2008	E. coli	1422_01	Lower half of lake	49	49	1		394.00	AD	FS	FS	No
2008	E. coli	1422_02	Upper half of lake	23	23	0		394.00	AD	FS	FS	No
2008	Enterococcus	1422_01	Lower half of lake	1	1	0		89.00	ID	NA	NA	No
2008	Fecal coliform	1422_01	Lower half of lake	43	43	0		400.00	SM	FS	FS	No
2008	Fecal coliform	1422_02	Upper half of lake	23	23	1		400.00	SM	FS	FS	No

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**Segment ID:** 1423      **Twin Buttes Reservoir**

**Water body type:** Reservoir

**Water body size:** 9,080 Acres

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Aquatic Life Use</b>												
<b>Dissolved Oxygen grab minimum</b>												
2008	Dissolved Oxygen Grab	1423_01	North pool	90	29	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	1423_02	South pool	82	26	0	3.00	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2008	Dissolved Oxygen Grab	1423_01	North pool	90	29	1	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	1423_02	South pool	82	26	0	5.00	AD	NC	NC		No
<b>Fish Consumption Use</b>												
<b>Bioaccumulative Toxics in fish tissue</b>												
2006	Multiple	1423_01	North pool	2	2	0		ID	NA	NA		No
<b>HH Bioaccumulative Toxics in water</b>												
2006	Multiple	1423_01	North pool	3	3			ID	NA	NA		No
2006	Multiple	1423_02	South pool	3	3			ID	NA	NA		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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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- Superseded by another method;  
 JQ- Assessor Judgement; OE- Other Information Evaluated; OS- Out-of-State; AU ID - Assessment Unit ID \*Note: Carry-forward refers to impairments without sufficient information in 2008 to re-evaluate the level of support.

**Segment ID: 1423 Twin Buttes Reservoir**

**Water body type:** Reservoir

**Water body size:** 9,080 Acres

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>General Use</b>												
<b>Dissolved Solids</b>												
2008	Chloride	1423_01	North pool	55	55		113.85	200.00	AD	FS	FS	No
2008	Chloride	1423_02	South pool	55	55		113.85	200.00	AD	FS	FS	No
2008	Sulfate	1423_01	North pool	55	55		50.93	100.00	AD	FS	FS	No
2008	Sulfate	1423_02	South pool	55	55		50.93	100.00	AD	FS	FS	No
2008	Total Dissolved Solids	1423_01	North pool	55	55		473.15	700.00	AD	FS	FS	No
2008	Total Dissolved Solids	1423_02	South pool	55	55		473.15	700.00	AD	FS	FS	No
<b>High pH</b>												
2008	pH	1423_01	North pool	90	29	0		9.00	AD	FS	FS	No
2008	pH	1423_02	South pool	82	26	0		9.00	AD	FS	FS	No
<b>Low pH</b>												
2008	pH	1423_01	North pool	90	29	0		6.50	AD	FS	FS	No
2008	pH	1423_02	South pool	82	26	0		6.50	AD	FS	FS	No
<b>Nutrient Screening Levels</b>												
2008	Ammonia	1423_01	North pool	26	26	5		0.11	AD	NC	NC	No
2008	Ammonia	1423_02	South pool	23	23	1		0.11	AD	NC	NC	No
2008	Chlorophyll-a	1423_01	North pool	17	17	1		26.70	AD	NC	NC	No
2008	Chlorophyll-a	1423_02	South pool	17	17	1		26.70	AD	NC	NC	No
2008	Nitrate	1423_01	North pool	27	27	9		0.37	AD	CS	CS	No
2008	Nitrate	1423_02	South pool	24	24	5		0.37	AD	NC	NC	No
2008	Orthophosphorus	1423_01	North pool	25	25	10		0.05	AD	CS	CS	No
2008	Orthophosphorus	1423_02	South pool	22	22	8		0.05	AD	CS	CS	No
2008	Total Phosphorus	1423_01	North pool	19	19	0		0.20	AD	NC	NC	No
2008	Total Phosphorus	1423_02	South pool	19	19	0		0.20	AD	NC	NC	No
<b>Water Temperature</b>												
2008	Temperature	1423_01	North pool	90	29	0		32.20	AD	FS	FS	No
2008	Temperature	1423_02	South pool	82	26	0		32.20	AD	FS	FS	No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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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: 1423 Twin Buttes Reservoir**

**Water body type:** Reservoir

**Water body size:** 9,080 Acres

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Public Water Supply Use</b>												
<b>Finished Drinking Water Dissolved Solids average</b>												
2008	Multiple	1423_01	North pool					OE	NC	NC		No
2008	Multiple	1423_02	South pool					OE	NC	NC		No
<b>Finished Drinking Water MCLs and Toxic Substances running average</b>												
2008	Multiple	1423_01	North pool					OE	FS	FS		No
2008	Multiple	1423_02	South pool					OE	FS	FS		No
<b>Finished Drinking Water MCLs Concern</b>												
2008	Multiple	1423_01	North pool					OE	NC	NC		No
2008	Multiple	1423_02	South pool					OE	NC	NC		No
<b>Surface Water HH criteria for PWS average</b>												
2006	Fluoride	1423_01	North pool	7	7		4,000.00	LD	NC	NC		No
2006	Fluoride	1423_02	South pool	7	7		4,000.00	LD	NC	NC		No
<b>Surface Water Toxic Substances average concern</b>												
2006	MTBE	1423_01	North pool	3	3		15.00	ID	NA	NA		No
2006	MTBE	1423_02	South pool	3	3		15.00	ID	NA	NA		No
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2008	E. coli	1423_01	North pool	15	15	0	1.96	126.00	AD	FS	FS	No
2008	E. coli	1423_02	South pool	15	15	0	2.29	126.00	AD	FS	FS	No
2008	Fecal coliform	1423_01	North pool	17	17	0	4.04	200.00	SM	FS	FS	No
2008	Fecal coliform	1423_02	South pool	13	13	0	2.63	200.00	SM	FS	FS	No
<b>Bacteria Single Sample</b>												
2008	E. coli	1423_01	North pool	15	15	0		394.00	AD	FS	FS	No
2008	E. coli	1423_02	South pool	15	15	0		394.00	AD	FS	FS	No
2008	Fecal coliform	1423_01	North pool	17	17	0		400.00	SM	FS	FS	No
2008	Fecal coliform	1423_02	South pool	13	13	0		400.00	SM	FS	FS	No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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**Segment ID:** 1423A      **Spring Creek (unclassified water body)**

**Water body type:** Freshwater Stream

**Water body size:** 58 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Aquatic Life Use</b>												
<b>Dissolved Oxygen grab minimum</b>												
2006	Dissolved Oxygen Grab	1423A_01	From the confluence of Twin Buttes Reservoir upstream to Duncan Avenue crossing in Mertzon	20	20	0	2.00	AD	FS	FS		No
2006	Dissolved Oxygen Grab	1423A_02	From Duncan Avenue crossing in Mertzon upstream to the upstream perennial portion of the stream northeast of Ozona in Crockett	12	12	0	2.00	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	1423A_01	From the confluence of Twin Buttes Reservoir upstream to Duncan Avenue crossing in Mertzon	20	20	0	3.00	AD	NC	NC		No
2006	Dissolved Oxygen Grab	1423A_02	From Duncan Avenue crossing in Mertzon upstream to the upstream perennial portion of the stream northeast of Ozona in Crockett	12	12	0	3.00	AD	NC	NC		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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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- Superseded by another method;  
 JQ- Assessor Judgement; OE- Other Information Evaluated; OS- Out-of-State; AU ID - Assessment Unit ID \*Note: Carry-forward refers to impairments without sufficient information in 2008 to re-evaluate the level of support.

**Segment ID:** 1423A      **Spring Creek (unclassified water body)**

**Water body type:** Freshwater Stream

**Water body size:** 58 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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### General Use

#### Nutrient Screening Levels

2006	Ammonia	1423A_01	From the confluence of Twin Buttes Reservoir upstream to Duncan Avenue crossing in Mertzon	14	14	4	0.33	AD	NC	NC		No
2006	Ammonia	1423A_02	From Duncan Avenue crossing in Mertzon upstream to the upstream perennial portion of the stream northeast of Ozona in Crockett	6	6	0	0.33	LD	NC	NC		No
2006	Nitrate	1423A_01	From the confluence of Twin Buttes Reservoir upstream to Duncan Avenue crossing in Mertzon	15	15	0	1.95	AD	NC	NC		No
2006	Nitrate	1423A_02	From Duncan Avenue crossing in Mertzon upstream to the upstream perennial portion of the stream northeast of Ozona in Crockett	7	7	0	1.95	LD	NC	NC		No
2006	Orthophosphorus	1423A_01	From the confluence of Twin Buttes Reservoir upstream to Duncan Avenue crossing in Mertzon	16	16	2	0.37	AD	NC	NC		No
2006	Orthophosphorus	1423A_02	From Duncan Avenue crossing in Mertzon upstream to the upstream perennial portion of the stream northeast of Ozona in Crockett	8	8	1	0.37	LD	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.

**Segment ID:** 1423A      **Spring Creek (unclassified water body)**

**Water body type:** Freshwater Stream

**Water body size:** 58 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2006	Fecal coliform	1423A_01	From the confluence of Twin Buttes Reservoir upstream to Duncan Avenue crossing in Mertzon	19	19		6.00	200.00	AD	FS	FS	No
2006	Fecal coliform	1423A_02	From Duncan Avenue crossing in Mertzon upstream to the upstream perennial portion of the stream northeast of Ozona in Crockett	11	11		11.00	200.00	AD	FS	FS	No
<b>Bacteria Single Sample</b>												
2006	Fecal coliform	1423A_01	From the confluence of Twin Buttes Reservoir upstream to Duncan Avenue crossing in Mertzon	19	19	0		400.00	AD	FS	FS	No
2006	Fecal coliform	1423A_02	From Duncan Avenue crossing in Mertzon upstream to the upstream perennial portion of the stream northeast of Ozona in Crockett	11	11	0		400.00	AD	FS	FS	No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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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- Superseded by another method;  
 JQ- Assessor Judgement; OE- Other Information Evaluated; OS- Out-of-State; AU ID - Assessment Unit ID \*Note: Carry-forward refers to impairments without sufficient information in 2008 to re-evaluate the level of support.

**Segment ID:** 1423B **Dove Creek (unclassified water body)**

**Water body type:** Freshwater Stream

**Water body size:** 35 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Aquatic Life Use</b>												
<b>Dissolved Oxygen grab minimum</b>												
2006	Dissolved Oxygen Grab	1423B_01 From the confluence of Spring Creek upstream to RR 915	20	20	0		3.00	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	1423B_01 From the confluence of Spring Creek upstream to RR 915	20	20	5		5.00	AD	CS	CS		No
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2006	Ammonia	1423B_01 From the confluence of Spring Creek upstream to RR 915	13	13	0		0.33	AD	NC	NC		No
2006	Nitrate	1423B_01 From the confluence of Spring Creek upstream to RR 915	15	15	0		1.95	AD	NC	NC		No
2006	Orthophosphorus	1423B_01 From the confluence of Spring Creek upstream to RR 915	16	16	0		0.37	AD	NC	NC		No
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2006	Fecal coliform	1423B_01 From the confluence of Spring Creek upstream to RR 915	19	19		32.00	200.00	AD	FS	FS		No
<b>Bacteria Single Sample</b>												
2006	Fecal coliform	1423B_01 From the confluence of Spring Creek upstream to RR 915	19	19	1		400.00	AD	FS	FS		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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**Segment ID: 1424 Middle Concho/South Concho River**

**Water body type:** Freshwater Stream

**Water body size:** 75 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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### Aquatic Life Use

#### **Dissolved Oxygen grab minimum**

2008	Dissolved Oxygen Grab	1424_01	South Concho River from a point 4 km downstream of FM 2335 t the confluence of Bois D'Arc Draw	43	43	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	1424_02	Middle Concho River from a point 100 m upstream of US 67 upstream to CR 412	6	6	0	3.00	LD	NC	NC		No

#### **Dissolved Oxygen grab screening level**

2008	Dissolved Oxygen Grab	1424_01	South Concho River from a point 4 km downstream of FM 2335 t the confluence of Bois D'Arc Draw	43	43	1	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	1424_02	Middle Concho River from a point 100 m upstream of US 67 upstream to CR 412	6	6	0	5.00	LD	NC	NC		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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**Segment ID: 1424 Middle Concho/South Concho River**

**Water body type:** Freshwater Stream

**Water body size:** 75 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>General Use</b>												
<b>Dissolved Solids</b>												
2008	Chloride	1424_01	South Concho River from a point 4 km downstream of FM 2335 t the confluence of Bois D'Arc Draw	51	51	53.77	150.00	AD	FS	FS		No
2008	Chloride	1424_02	Middle Concho River from a point 100 m upstream of US 67 upstream to CR 412	51	51	53.77	150.00	AD	FS	FS		No
2008	Chloride	1424_03	Middle Concho from CR 412 upstream to the confluence of Three Bluff Draw and Indian Creek on the Middle Concho River in	51	51	53.77	150.00	AD	FS	FS		No
2008	Sulfate	1424_01	South Concho River from a point 4 km downstream of FM 2335 t the confluence of Bois D'Arc Draw	51	51	25.87	150.00	AD	FS	FS		No
2008	Sulfate	1424_02	Middle Concho River from a point 100 m upstream of US 67 upstream to CR 412	51	51	25.87	150.00	AD	FS	FS		No
2008	Sulfate	1424_03	Middle Concho from CR 412 upstream to the confluence of Three Bluff Draw and Indian Creek on the Middle Concho River in	51	51	25.87	150.00	AD	FS	FS		No
2008	Total Dissolved Solids	1424_01	South Concho River from a point 4 km downstream of FM 2335 t the confluence of Bois D'Arc Draw	66	66	376.81	700.00	AD	FS	FS		No
2008	Total Dissolved Solids	1424_02	Middle Concho River from a point 100 m upstream of US 67 upstream to CR 412	66	66	376.81	700.00	AD	FS	FS		No
2008	Total Dissolved Solids	1424_03	Middle Concho from CR 412 upstream to the confluence of Three Bluff Draw and Indian Creek on the Middle Concho River in	66	66	376.81	700.00	AD	FS	FS		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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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:** 1424      **Middle Concho/South Concho River**

**Water body type:** Freshwater Stream

**Water body size:** 75 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry- Forward</u>
<b>General Use</b>												
<b>High pH</b>												
2008	pH	1424_01	South Concho River from a point 4 km downstream of FM 2335 t the confluence of Bois D'Arc Draw	43	43	0	9.00	AD	FS	FS		No
2008	pH	1424_02	Middle Concho River from a point 100 m upstream of US 67 upstream to CR 412	6	6	0	9.00	LD	NC	NC		No
<b>Low pH</b>												
2008	pH	1424_01	South Concho River from a point 4 km downstream of FM 2335 t the confluence of Bois D'Arc Draw	43	43	0	6.50	AD	FS	FS		No
2008	pH	1424_02	Middle Concho River from a point 100 m upstream of US 67 upstream to CR 412	6	6	0	6.50	LD	NC	NC		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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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- Superseded by another method;  
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**Segment ID:** 1424      **Middle Concho/South Concho River**

**Water body type:** Freshwater Stream

**Water body size:** 75 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2008	Ammonia	1424_01	South Concho River from a point 4 km downstream of FM 2335 t the confluence of Bois D'Arc Draw	34	34	0	0.33	AD	NC	NC		No
2008	Ammonia	1424_02	Middle Concho River from a point 100 m upstream of US 67 upstream to CR 412	6	6	0	0.33	LD	NC	NC		No
2008	Chlorophyll-a	1424_01	South Concho River from a point 4 km downstream of FM 2335 t the confluence of Bois D'Arc Draw	14	14	0	14.10	AD	NC	NC		No
2008	Nitrate	1424_01	South Concho River from a point 4 km downstream of FM 2335 t the confluence of Bois D'Arc Draw	31	31	1	1.95	AD	NC	NC		No
2008	Nitrate	1424_02	Middle Concho River from a point 100 m upstream of US 67 upstream to CR 412	4	4	0	1.95	LD	NC	NC		No
2008	Orthophosphorus	1424_01	South Concho River from a point 4 km downstream of FM 2335 t the confluence of Bois D'Arc Draw	35	35	3	0.37	AD	NC	NC		No
2008	Orthophosphorus	1424_02	Middle Concho River from a point 100 m upstream of US 67 upstream to CR 412	5	5	2	0.37	LD	NC	NC		No
2008	Total Phosphorus	1424_01	South Concho River from a point 4 km downstream of FM 2335 t the confluence of Bois D'Arc Draw	17	17	0	0.69	AD	NC	NC		No
2008	Total Phosphorus	1424_02	Middle Concho River from a point 100 m upstream of US 67 upstream to CR 412	1	1	0	0.69	ID	NA	NA		No
<b>Water Temperature</b>												
2008	Temperature	1424_01	South Concho River from a point 4 km downstream of FM 2335 t the confluence of Bois D'Arc Draw	47	47	0	32.20	AD	FS	FS		No
2008	Temperature	1424_02	Middle Concho River from a point 100 m upstream of US 67 upstream to CR 412	17	17	0	32.20	AD	FS	FS		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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**Segment ID: 1424 Middle Concho/South Concho River**

**Water body type:** Freshwater Stream

**Water body size:** 75 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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### Public Water Supply Use

#### Finished Drinking Water Dissolved Solids average

2008	Multiple	1424_01	South Concho River from a point 4 km downstream of FM 2335 t the confluence of Bois D'Arc Draw					OE	NC	NC		No
2008	Multiple	1424_02	Middle Concho River from a point 100 m upstream of US 67 upstream to CR 412					OE	NC	NC		No
2008	Multiple	1424_03	Middle Concho from CR 412 upstream to the confluence of Three Bluff Draw and Indian Creek on the Middle Concho River in					OE	NC	NC		No

#### Finished Drinking Water MCLs and Toxic Substances running average

2008	Multiple	1424_01	South Concho River from a point 4 km downstream of FM 2335 t the confluence of Bois D'Arc Draw					OE	FS	FS		No
2008	Multiple	1424_02	Middle Concho River from a point 100 m upstream of US 67 upstream to CR 412					OE	FS	FS		No
2008	Multiple	1424_03	Middle Concho from CR 412 upstream to the confluence of Three Bluff Draw and Indian Creek on the Middle Concho River in					OE	FS	FS		No

#### Finished Drinking Water MCLs Concern

2008	Multiple	1424_01	South Concho River from a point 4 km downstream of FM 2335 t the confluence of Bois D'Arc Draw					OE	NC	NC		No
2008	Multiple	1424_02	Middle Concho River from a point 100 m upstream of US 67 upstream to CR 412					OE	NC	NC		No
2008	Multiple	1424_03	Middle Concho from CR 412 upstream to the confluence of Three Bluff Draw and Indian Creek on the Middle Concho River in					OE	NC	NC		No

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**Segment ID: 1424 Middle Concho/South Concho River**

**Water body type:** Freshwater Stream

**Water body size:** 75 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Public Water Supply Use</b>												
<b>Surface Water HH criteria for PWS average</b>												
2006	Fluoride	1424_01	South Concho River from a point 4 km downstream of FM 2335 t the confluence of Bois D'Arc Draw	6	6	0.34	4,000.00	LD	NC	NC		No
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2008	E. coli	1424_01	South Concho River from a point 4 km downstream of FM 2335 t the confluence of Bois D'Arc Draw	15	15	0	12.56	126.00	AD	FS	FS	No
2008	E. coli	1424_02	Middle Concho River from a point 100 m upstream of US 67 upstream to CR 412	2	2	0	79.67	126.00	ID	NA	NA	No
2008	Fecal coliform	1424_01	South Concho River from a point 4 km downstream of FM 2335 t the confluence of Bois D'Arc Draw	28	28	0	17.86	200.00	SM	FS	FS	No
2008	Fecal coliform	1424_02	Middle Concho River from a point 100 m upstream of US 67 upstream to CR 412	3	3	0	18.61	200.00	ID	NA	NA	No
<b>Bacteria Single Sample</b>												
2008	E. coli	1424_01	South Concho River from a point 4 km downstream of FM 2335 t the confluence of Bois D'Arc Draw	15	15	0		394.00	AD	FS	FS	No
2008	E. coli	1424_02	Middle Concho River from a point 100 m upstream of US 67 upstream to CR 412	2	2	0		394.00	ID	NA	NA	No
2008	Fecal coliform	1424_01	South Concho River from a point 4 km downstream of FM 2335 t the confluence of Bois D'Arc Draw	28	28	0		400.00	SM	FS	FS	No
2008	Fecal coliform	1424_02	Middle Concho River from a point 100 m upstream of US 67 upstream to CR 412	3	3	0		400.00	ID	NA	NA	No



## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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**Segment ID:** 1424A      **West Rocky Creek (unclassified water body)**

**Water body type:** Freshwater Stream

**Water body size:** 25 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry- Forward</u>
<b>Aquatic Life Use</b>												
<b>Dissolved Oxygen grab minimum</b>												
2006	Dissolved Oxygen Grab	1424A_01 Entire water body	10	10	0		3.00	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	1424A_01 Entire water body	10	10	2		5.00	AD	NC	NC		No
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2006	Ammonia	1424A_01 Entire water body	10	10	0		0.33	AD	NC	NC		No
2006	Chlorophyll-a	1424A_01 Entire water body	0	0	0		14.10	ID	NA	NA		No
2006	Nitrate	1424A_01 Entire water body	10	10	0		1.95	AD	NC	NC		No
2006	Orthophosphorus	1424A_01 Entire water body	10	10	0		0.37	AD	NC	NC		No
2006	Total Phosphorus	1424A_01 Entire water body	0	0	0		0.69	ID	NA	NA		No
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2006	Fecal coliform	1424A_01 Entire water body	10	10		7.00	200.00	AD	FS	FS		No
<b>Bacteria Single Sample</b>												
2006	Fecal coliform	1424A_01 Entire water body	10	10	0		400.00	AD	FS	FS		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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**Segment ID:** 1425      **O. C. Fisher Lake**

**Water body type:** Reservoir

**Water body size:** 5,440 Acres

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Aquatic Life Use</b>												
<b>Dissolved Oxygen grab minimum</b>												
2008	Dissolved Oxygen Grab	1425_01	Entire reservoir	79	32	0	3.00	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2008	Dissolved Oxygen Grab	1425_01	Entire reservoir	79	32	4	5.00	AD	NC	NC		No
<b>Fish Consumption Use</b>												
<b>HH Bioaccumulative Toxics in water</b>												
2006	Multiple	1425_01	Entire reservoir	3	3			ID	NA	NA		No
<b>General Use</b>												
<b>Dissolved Solids</b>												
2008	Chloride	1425_01	Entire reservoir	31	31		191.48	AD	NS	NS	5c	No
2008	Sulfate	1425_01	Entire reservoir	31	31		78.44	AD	FS	FS		No
2008	Total Dissolved Solids	1425_01	Entire reservoir	32	32		646.27	AD	FS	FS		No
<b>High pH</b>												
2008	pH	1425_01	Entire reservoir	79	32	0	9.00	AD	FS	FS		No
<b>Low pH</b>												
2008	pH	1425_01	Entire reservoir	79	32	0	6.50	AD	FS	FS		No
<b>Nutrient Screening Levels</b>												
2008	Ammonia	1425_01	Entire reservoir	28	28	12	0.11	AD	CS	CS		No
2008	Chlorophyll-a	1425_01	Entire reservoir	17	17	10	26.70	AD	CS	CS		No
2008	Nitrate	1425_01	Entire reservoir	29	29	7	0.37	AD	NC	NC		No
2008	Orthophosphorus	1425_01	Entire reservoir	27	27	9	0.05	AD	CS	CS		No
2008	Total Phosphorus	1425_01	Entire reservoir	19	19	6	0.20	AD	CS	CS		No
<b>Water Temperature</b>												
2008	Temperature	1425_01	Entire reservoir	79	32	0	32.20	AD	FS	FS		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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**Segment ID:** 1425      **O. C. Fisher Lake**

**Water body type:** Reservoir

**Water body size:** 5,440 Acres

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Public Water Supply Use</b>												
<b>Finished Drinking Water Dissolved Solids average</b>												
2008	Multiple	1425_01	Entire reservoir					OE	NC	NC		No
<b>Finished Drinking Water MCLs and Toxic Substances running average</b>												
2008	Multiple	1425_01	Entire reservoir					OE	FS	FS		No
<b>Finished Drinking Water MCLs Concern</b>												
2008	Multiple	1425_01	Entire reservoir					OE	NC	NC		No
<b>Surface Water HH criteria for PWS average</b>												
2006	Multiple	1425_01	Entire reservoir	7	7			LD	NC	NC		No
<b>Surface Water Toxic Substances average concern</b>												
2006	MTBE	1425_01	Entire reservoir	3	3		15.00	ID	NA	NA		No
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2008	E. coli	1425_01	Entire reservoir	16	16	0	22.69	126.00	AD	FS	FS	No
2008	Fecal coliform	1425_01	Entire reservoir	19	19	0	28.56	200.00	SM	FS	FS	No
<b>Bacteria Single Sample</b>												
2008	E. coli	1425_01	Entire reservoir	16	16	4		394.00	AD	FS	FS	No
2008	Fecal coliform	1425_01	Entire reservoir	19	19	1		400.00	SM	FS	FS	No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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### Segment ID: 1425A North Concho River (unclassified water body)

**Water body type:** Freshwater Stream

**Water body size:** 95 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry- Forward</u>
<b>Aquatic Life Use</b>												
<b>Dissolved Oxygen grab minimum</b>												
2006	Dissolved Oxygen Grab	1425A_01	Lower end of water body to Sterling County line	35	35	0	2.00	AD	FS	FS		No
2006	Dissolved Oxygen Grab	1425A_02	Sterling County line to SH 163	14	14	2	2.00	AD	FS	FS		No
2006	Dissolved Oxygen Grab	1425A_03	SH 163 to US 87	16	16	0	2.00	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	1425A_01	Lower end of water body to Sterling County line	35	35	2	3.00	AD	NC	NC		No
2006	Dissolved Oxygen Grab	1425A_02	Sterling County line to SH 163	14	14	4	3.00	AD	CS	CS		No
2006	Dissolved Oxygen Grab	1425A_03	SH 163 to US 87	16	16	1	3.00	AD	NC	NC		No
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2006	Ammonia	1425A_01	Lower end of water body to Sterling County line	6	6	0	0.33	LD	NC	NC		No
2006	Ammonia	1425A_02	Sterling County line to SH 163	8	8	0	0.33	LD	NC	NC		No
2006	Ammonia	1425A_03	SH 163 to US 87	11	11	0	0.33	AD	NC	NC		No
2006	Chlorophyll-a	1425A_02	Sterling County line to SH 163	8	8	2	14.10	LD	NC	NC		No
2006	Chlorophyll-a	1425A_03	SH 163 to US 87	8	8	0	14.10	LD	NC	NC		No
2006	Nitrate	1425A_01	Lower end of water body to Sterling County line	8	8	0	1.95	LD	NC	NC		No
2006	Nitrate	1425A_02	Sterling County line to SH 163	8	8	0	1.95	LD	NC	NC		No
2006	Nitrate	1425A_03	SH 163 to US 87	14	14	0	1.95	AD	NC	NC		No
2006	Orthophosphorus	1425A_01	Lower end of water body to Sterling County line	9	9	1	0.37	LD	NC	NC		No
2006	Orthophosphorus	1425A_02	Sterling County line to SH 163	8	8	0	0.37	LD	NC	NC		No
2006	Orthophosphorus	1425A_03	SH 163 to US 87	15	15	1	0.37	AD	NC	NC		No
2006	Total Phosphorus	1425A_02	Sterling County line to SH 163	8	8	0	0.69	LD	NC	NC		No
2006	Total Phosphorus	1425A_03	SH 163 to US 87	8	8	0	0.69	LD	NC	NC		No

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**Segment ID:** 1425A      **North Concho River (unclassified water body)**

**Water body type:** Freshwater Stream

**Water body size:** 95 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2006	E. coli	1425A_02	Sterling County line to SH 163	2	2		139.00	126.00	ID	NA	NA	No
2006	E. coli	1425A_03	SH 163 to US 87	2	2		28.00	126.00	ID	NA	NA	No
2006	Fecal coliform	1425A_01	Lower end of water body to Sterling County line	11	11		26.00	200.00	AD	FS	FS	No
2006	Fecal coliform	1425A_02	Sterling County line to SH 163	8	8		257.00	200.00	LD	CN	CN	No
2006	Fecal coliform	1425A_03	SH 163 to US 87	12	12		19.00	200.00	AD	FS	FS	No
<b>Bacteria Single Sample</b>												
2006	E. coli	1425A_02	Sterling County line to SH 163	2	2	0		394.00	ID	NA	NA	No
2006	E. coli	1425A_03	SH 163 to US 87	2	2	0		394.00	ID	NA	NA	No
2006	Fecal coliform	1425A_01	Lower end of water body to Sterling County line	11	11	0		400.00	AD	FS	FS	No
2006	Fecal coliform	1425A_02	Sterling County line to SH 163	8	8	0		400.00	LD	NC	NC	No
2006	Fecal coliform	1425A_03	SH 163 to US 87	12	12	0		400.00	AD	FS	FS	No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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### Segment ID: 1426 Colorado River Below E. V. Spence Reservoir

**Water body type:** Freshwater Stream

**Water body size:** 66 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Aquatic Life Use</b>												
<b>Acute Toxic Substances in water</b>												
2006	Multiple	1426_02	Country Club Lake to Coke County line	9	9	0		LD	NC	NC		No
<b>Chronic Toxic Substances in water</b>												
2006	Multiple	1426_02	Country Club Lake to Coke County line	9	9			LD	NC	NC		No
<b>Dissolved Oxygen grab minimum</b>												
2008	Dissolved Oxygen Grab	1426_01	Lower end of segment to Country Club Lake	123	123	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	1426_02	Country Club Lake to Coke County line	135	135	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	1426_03	Coke County line to SH 208	135	135	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	1426_04	SH 208 to dam	124	124	5	3.00	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2008	Dissolved Oxygen Grab	1426_01	Lower end of segment to Country Club Lake	123	123	0	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	1426_02	Country Club Lake to Coke County line	135	135	0	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	1426_03	Coke County line to SH 208	135	135	8	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	1426_04	SH 208 to dam	124	124	15	5.00	AD	CS	CS		No
<b>Toxic Substances in sediment</b>												
2006	Multiple	1426_02	Country Club Lake to Coke County line	3	3	0		ID	NA	NA		No
<b>Fish Consumption Use</b>												
<b>HH Bioaccumulative Toxics in water</b>												
2006	Chromium	1426_02	Country Club Lake to Coke County line	8	8		1.90	100.00	LD	NC	NC	No
2006	Lead	1426_02	Country Club Lake to Coke County line	8	8		0.65	4.98	LD	NC	NC	No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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### Segment ID: 1426 Colorado River Below E. V. Spence Reservoir

**Water body type:** Freshwater Stream

**Water body size:** 66 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>General Use</b>												
<b>Dissolved Solids</b>												
2008	Chloride	1426_01	Lower end of segment to Country Club Lake	532	532	775.21	610.00	AD	NS	NS	4a	No
2008	Chloride	1426_02	Country Club Lake to Coke County line	532	532	775.21	610.00	AD	NS	NS	4a	No
2008	Chloride	1426_03	Coke County line to SH 208	532	532	775.21	610.00	AD	NS	NS	4a	No
2008	Chloride	1426_04	SH 208 to dam	532	532	775.21	610.00	AD	NS	NS	4a	No
2008	Sulfate	1426_01	Lower end of segment to Country Club Lake	532	532	694.96	980.00	AD	FS	FS		No
2008	Sulfate	1426_02	Country Club Lake to Coke County line	532	532	694.96	980.00	AD	FS	FS		No
2008	Sulfate	1426_03	Coke County line to SH 208	532	532	694.96	980.00	AD	FS	FS		No
2008	Sulfate	1426_04	SH 208 to dam	532	532	694.96	980.00	AD	FS	FS		No
2008	Total Dissolved Solids	1426_01	Lower end of segment to Country Club Lake	536	536	2,334.47	2,000.00	AD	NS	NS	4a	No
2008	Total Dissolved Solids	1426_02	Country Club Lake to Coke County line	536	536	2,334.47	2,000.00	AD	NS	NS	4a	No
2008	Total Dissolved Solids	1426_03	Coke County line to SH 208	536	536	2,334.47	2,000.00	AD	NS	NS	4a	No
2008	Total Dissolved Solids	1426_04	SH 208 to dam	536	536	2,334.47	2,000.00	AD	NS	NS	4a	No
<b>High pH</b>												
2008	pH	1426_01	Lower end of segment to Country Club Lake	117	117	0	9.00	AD	FS	FS		No
2008	pH	1426_02	Country Club Lake to Coke County line	128	128	0	9.00	AD	FS	FS		No
2008	pH	1426_03	Coke County line to SH 208	130	130	0	9.00	AD	FS	FS		No
2008	pH	1426_04	SH 208 to dam	118	118	2	9.00	AD	FS	FS		No
<b>Low pH</b>												
2008	pH	1426_01	Lower end of segment to Country Club Lake	117	117	0	6.50	AD	FS	FS		No
2008	pH	1426_02	Country Club Lake to Coke County line	128	128	0	6.50	AD	FS	FS		No
2008	pH	1426_03	Coke County line to SH 208	130	130	0	6.50	AD	FS	FS		No
2008	pH	1426_04	SH 208 to dam	118	118	0	6.50	AD	FS	FS		No

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### Segment ID: 1426 Colorado River Below E. V. Spence Reservoir

**Water body type:** Freshwater Stream

**Water body size:** 66 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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#### General Use

#### Nutrient Screening Levels

2008	Ammonia	1426_01	Lower end of segment to Country Club Lake	13	13	0	0.33	AD	NC	NC		No
2008	Ammonia	1426_02	Country Club Lake to Coke County line	25	25	0	0.33	AD	NC	NC		No
2008	Ammonia	1426_03	Coke County line to SH 208	12	12	0	0.33	AD	NC	NC		No
2008	Ammonia	1426_04	SH 208 to dam	40	40	8	0.33	AD	NC	NC		No
2008	Chlorophyll-a	1426_01	Lower end of segment to Country Club Lake	12	12	6	14.10	AD	CS	CS		No
2008	Chlorophyll-a	1426_02	Country Club Lake to Coke County line	23	23	11	14.10	AD	CS	CS		No
2008	Chlorophyll-a	1426_03	Coke County line to SH 208	11	11	5	14.10	AD	CS	CS		No
2008	Chlorophyll-a	1426_04	SH 208 to dam	14	14	7	14.10	AD	CS	CS		No
2008	Nitrate	1426_01	Lower end of segment to Country Club Lake	69	69	3	1.95	AD	NC	NC		No
2008	Nitrate	1426_02	Country Club Lake to Coke County line	79	79	0	1.95	AD	NC	NC		No
2008	Nitrate	1426_03	Coke County line to SH 208	79	79	0	1.95	AD	NC	NC		No
2008	Nitrate	1426_04	SH 208 to dam	68	68	0	1.95	AD	NC	NC		No
2008	Orthophosphorus	1426_01	Lower end of segment to Country Club Lake	12	12	0	0.37	AD	NC	NC		No
2008	Orthophosphorus	1426_02	Country Club Lake to Coke County line	24	24	0	0.37	AD	NC	NC		No
2008	Orthophosphorus	1426_03	Coke County line to SH 208	11	11	0	0.37	AD	NC	NC		No
2008	Orthophosphorus	1426_04	SH 208 to dam	40	40	1	0.37	AD	NC	NC		No
2008	Total Phosphorus	1426_01	Lower end of segment to Country Club Lake	13	13	0	0.69	AD	NC	NC		No
2008	Total Phosphorus	1426_02	Country Club Lake to Coke County line	25	25	0	0.69	AD	NC	NC		No
2008	Total Phosphorus	1426_03	Coke County line to SH 208	12	12	0	0.69	AD	NC	NC		No
2008	Total Phosphorus	1426_04	SH 208 to dam	41	41	1	0.69	AD	NC	NC		No

#### Water Temperature

2008	Temperature	1426_01	Lower end of segment to Country Club Lake	122	122	4	32.80	AD	FS	FS		No
2008	Temperature	1426_02	Country Club Lake to Coke County line	149	149	0	32.80	AD	FS	FS		No
2008	Temperature	1426_03	Coke County line to SH 208	134	134	4	32.80	AD	FS	FS		No
2008	Temperature	1426_04	SH 208 to dam	123	123	1	32.80	AD	FS	FS		No



## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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**Segment ID:** 1426 **Colorado River Below E. V. Spence Reservoir**

**Water body type:** Freshwater Stream

**Water body size:** 66 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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### Public Water Supply Use

#### Finished Drinking Water Dissolved Solids average

2008	Multiple	1426_01	Lower end of segment to Country Club Lake					OE	NC	NC		No
2008	Multiple	1426_02	Country Club Lake to Coke County line					OE	NC	NC		No
2008	Multiple	1426_03	Coke County line to SH 208					OE	NC	NC		No
2008	Multiple	1426_04	SH 208 to dam					OE	NC	NC		No

#### Finished Drinking Water MCLs and Toxic Substances running average

2008	Multiple	1426_01	Lower end of segment to Country Club Lake					OE	FS	FS		No
2008	Multiple	1426_02	Country Club Lake to Coke County line					OE	FS	FS		No
2008	Multiple	1426_03	Coke County line to SH 208					OE	FS	FS		No
2008	Multiple	1426_04	SH 208 to dam					OE	FS	FS		No

#### Finished Drinking Water MCLs Concern

2008	Multiple	1426_01	Lower end of segment to Country Club Lake					OE	NC	NC		No
2008	Multiple	1426_02	Country Club Lake to Coke County line					OE	NC	NC		No
2008	Multiple	1426_03	Coke County line to SH 208					OE	NC	NC		No
2008	Multiple	1426_04	SH 208 to dam					OE	NC	NC		No

#### Surface Water HH criteria for PWS average

2006	Fluoride	1426_01	Lower end of segment to Country Club Lake	1	1	0.34	4,000.00	ID	NA	NA		No
2006	Fluoride	1426_04	SH 208 to dam	1	1	0.57	4,000.00	ID	NA	NA		No
2006	Multiple	1426_02	Country Club Lake to Coke County line	8	8			LD	NC	NC		No

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**Segment ID:** 1426 **Colorado River Below E. V. Spence Reservoir**

**Water body type:** Freshwater Stream

**Water body size:** 66 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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### Recreation Use

#### **Bacteria Geomean**

2008	E. coli	1426_01	Lower end of segment to Country Club Lake	14	14	0	60.90	126.00	AD	FS	FS	No
2008	E. coli	1426_02	Country Club Lake to Coke County line	20	20	0	65.20	126.00	AD	FS	FS	No
2008	E. coli	1426_03	Coke County line to SH 208	12	12	0	80.05	126.00	AD	FS	FS	No
2008	E. coli	1426_04	SH 208 to dam	15	15	0	36.52	126.00	AD	FS	FS	No
2008	Fecal coliform	1426_02	Country Club Lake to Coke County line	12	12	0	72.73	200.00	SM	FS	FS	No
2008	Fecal coliform	1426_04	SH 208 to dam	7	7	0	79.90	200.00	LD	NC	NC	No

#### **Bacteria Single Sample**

2008	E. coli	1426_01	Lower end of segment to Country Club Lake	14	14	1		394.00	AD	FS	FS	No
2008	E. coli	1426_02	Country Club Lake to Coke County line	20	20	1		394.00	AD	FS	FS	No
2008	E. coli	1426_03	Coke County line to SH 208	12	12	1		394.00	AD	FS	FS	No
2008	E. coli	1426_04	SH 208 to dam	15	15	0		394.00	AD	FS	FS	No
2008	Fecal coliform	1426_02	Country Club Lake to Coke County line	12	12	1		400.00	SM	FS	FS	No
2008	Fecal coliform	1426_04	SH 208 to dam	7	7	0		400.00	LD	NC	NC	No

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**Segment ID:** 1426A      **Oak Creek Reservoir (unclassified water body)**

**Water body type:** Reservoir

**Water body size:** 2,375 Acres

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry- Forward</u>
<b>Aquatic Life Use</b>												
<b>Dissolved Oxygen grab minimum</b>												
2006	Dissolved Oxygen Grab	1426A_01 Entire water body	38	38	0		3.00	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	1426A_01 Entire water body	38	38	1		5.00	AD	NC	NC		No
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2006	Ammonia	1426A_01 Entire water body	8	8	1		0.11	LD	NC	NC		No
2006	Chlorophyll-a	1426A_01 Entire water body	8	8	2		26.70	LD	NC	NC		No
2006	Nitrate	1426A_01 Entire water body	18	18	0		0.37	AD	NC	NC		No
2006	Orthophosphorus	1426A_01 Entire water body	8	8	0		0.05	LD	NC	NC		No
2006	Total Phosphorus	1426A_01 Entire water body	8	8	0		0.20	LD	NC	NC		No
<b>Public Water Supply Use</b>												
<b>Finished Drinking Water Dissolved Solids average</b>												
2006	Sulfate	1426A_01 Entire water body	5	5		425.00	300.00	OE	CS	CS		No
<b>Finished Drinking Water MCLs and Toxic Substances running average</b>												
2006	Multiple	1426A_01 Entire water body						OE	FS	FS		No
<b>Finished Drinking Water MCLs Concern</b>												
2006	Multiple	1426A_01 Entire water body						OE	NC	NC		No
<b>Surface Water HH criteria for PWS average</b>												
2006	Fluoride	1426A_01 Entire water body	7	7		0.60	4,000.00	LD	NC	NC		No
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2006	E. coli	1426A_01 Entire water body	7	7		2.00	126.00	LD	NC	NC		No
2006	Fecal coliform	1426A_01 Entire water body	5	5		1.00	200.00	LD	NC	NC		No
<b>Bacteria Single Sample</b>												
2006	E. coli	1426A_01 Entire water body	7	7	0		394.00	LD	NC	NC		No
2006	Fecal coliform	1426A_01 Entire water body	5	5	0		400.00	LD	NC	NC		No

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**Segment ID:** 1426B **Elm Creek (unclassified water body)**

**Water body type:** Freshwater Stream

**Water body size:** 22 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Aquatic Life Use</b>												
<b>Acute Toxic Substances in water</b>												
2006	Multiple	1426B_01	From the confluence with the Colorado River upstream to the low water dam downstream of US 67	7	7	0		LD	NC	NC		No
<b>Chronic Toxic Substances in water</b>												
2006	Multiple	1426B_01	From the confluence with the Colorado River upstream to the low water dam downstream of US 67	7	7			LD	NC	NC		No
<b>Dissolved Oxygen grab minimum</b>												
2006	Dissolved Oxygen Grab	1426B_01	From the confluence with the Colorado River upstream to the low water dam downstream of US 67	37	37	0	3.00	AD	FS	FS		No
2006	Dissolved Oxygen Grab	1426B_02	From the low water dam downstream of US 67 upstream to Lake Winters dam	47	47	0	2.00	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	1426B_01	From the confluence with the Colorado River upstream to the low water dam downstream of US 67	37	37	2	5.00	AD	NC	NC		No
2006	Dissolved Oxygen Grab	1426B_02	From the low water dam downstream of US 67 upstream to Lake Winters dam	47	47		3.00	AD	NC	NC		No
<b>Toxic Substances in sediment</b>												
2006	Multiple	1426B_01	From the confluence with the Colorado River upstream to the low water dam downstream of US 67	3	3	0		ID	NA	NA		No
<b>Fish Consumption Use</b>												
<b>HH Bioaccumulative Toxics in water</b>												
2006	Multiple	1426B_01	From the confluence with the Colorado River upstream to the low water dam downstream of US 67	5	5			LD	NC	NC		No

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**Segment ID:** 1426B      **Elm Creek (unclassified water body)**

**Water body type:** Freshwater Stream

**Water body size:** 22 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2006	Ammonia	1426B_01	From the confluence with the Colorado River upstream to the low water dam downstream of US 67	31	31	0	0.33	AD	NC	NC		No
2006	Ammonia	1426B_02	From the low water dam downstream of US 67 upstream to Lake Winters dam	2	2	0	0.33	ID	NA	NA		No
2006	Chlorophyll-a	1426B_01	From the confluence with the Colorado River upstream to the low water dam downstream of US 67	16	16	4	14.10	AD	NC	NC		No
2006	Chlorophyll-a	1426B_02	From the low water dam downstream of US 67 upstream to Lake Winters dam	2	2	0	14.10	ID	NA	NA		No
2006	Nitrate	1426B_01	From the confluence with the Colorado River upstream to the low water dam downstream of US 67	31	31	4	1.95	AD	NC	NC		No
2006	Nitrate	1426B_02	From the low water dam downstream of US 67 upstream to Lake Winters dam	35	35	7	1.95	AD	NC	NC		No
2006	Orthophosphorus	1426B_01	From the confluence with the Colorado River upstream to the low water dam downstream of US 67	31	31	0	0.37	AD	NC	NC		No
2006	Orthophosphorus	1426B_02	From the low water dam downstream of US 67 upstream to Lake Winters dam	2	2	0	0.37	ID	NA	NA		No
2006	Total Phosphorus	1426B_01	From the confluence with the Colorado River upstream to the low water dam downstream of US 67	31	31	0	0.69	AD	NC	NC		No
2006	Total Phosphorus	1426B_02	From the low water dam downstream of US 67 upstream to Lake Winters dam	2	2	0	0.69	ID	NA	NA		No

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**Segment ID:** 1426B      **Elm Creek (unclassified water body)**

**Water body type:** Freshwater Stream

**Water body size:** 22 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry- Forward</u>
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2006	E. coli	1426B_01	From the confluence with the Colorado River upstream to the low water dam downstream of US 67	13	13		44.00	126.00	AD	FS	FS	No
2006	Fecal coliform	1426B_01	From the confluence with the Colorado River upstream to the low water dam downstream of US 67	12	12		53.00	200.00	SM	FS	FS	No
<b>Bacteria Single Sample</b>												
2006	E. coli	1426B_01	From the confluence with the Colorado River upstream to the low water dam downstream of US 67	13	13	2		394.00	AD	FS	FS	No
2006	Fecal coliform	1426B_01	From the confluence with the Colorado River upstream to the low water dam downstream of US 67	12	12	1		400.00	SM	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- Superseded by another method;  
**JQ-** Assessor Judgement; **OE-** Other Information Evaluated; **OS-** Out-of-State; **AU ID -** Assessment Unit ID \*Note: Carry-forward refers to impairments without sufficient information in 2008 to re-evaluate the level of support.

**Segment ID:** 1426C **Bluff Creek (unclassified water body)**

**Water body type:** Freshwater Stream

**Water body size:** 36 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Aquatic Life Use</b>												
<b>Dissolved Oxygen grab minimum</b>												
2006	Dissolved Oxygen Grab	1426C_01 From the confluence with Elm Creek upstream to the confluence of Mill Creek	22	22	0		3.00	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	1426C_01 From the confluence with Elm Creek upstream to the confluence of Mill Creek	22	22	1		5.00	AD	NC	NC		No
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2006	Ammonia	1426C_01 From the confluence with Elm Creek upstream to the confluence of Mill Creek	2	2	0		0.33	ID	NA	NA		No
2006	Chlorophyll-a	1426C_01 From the confluence with Elm Creek upstream to the confluence of Mill Creek	2	2	0		14.10	ID	NA	NA		No
2006	Nitrate	1426C_01 From the confluence with Elm Creek upstream to the confluence of Mill Creek	17	17	14		1.95	AD	CS	CS		No
2006	Orthophosphorus	1426C_01 From the confluence with Elm Creek upstream to the confluence of Mill Creek	2	2	0		0.37	ID	NA	NA		No
2006	Total Phosphorus	1426C_01 From the confluence with Elm Creek upstream to the confluence of Mill Creek	2	2	0		0.69	ID	NA	NA		No
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2006	E. coli	1426C_01 From the confluence with Elm Creek upstream to the confluence of Mill Creek	2	2		32.00	126.00	ID	NA	NA		No
2006	Fecal coliform	1426C_01 From the confluence with Elm Creek upstream to the confluence of Mill Creek	0	0			200.00	ID	NA	NA		No
<b>Bacteria Single Sample</b>												
2006	E. coli	1426C_01 From the confluence with Elm Creek upstream to the confluence of Mill Creek	2	2	0		394.00	ID	NA	NA		No
2006	Fecal coliform	1426C_01 From the confluence with Elm Creek upstream to the confluence of Mill Creek	0	0			400.00	ID	NA	NA		No

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**Segment ID:** 1426D **Coyote Creek (unclassified water body)**

**Water body type:** Freshwater Stream

**Water body size:** 11 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Aquatic Life Use</b>												
<b>Dissolved Oxygen grab minimum</b>												
2006	Dissolved Oxygen Grab	1426D_01 Entire water body	23	23	0		3.00	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	1426D_01 Entire water body	23	23	0		5.00	AD	NC	NC		No
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2006	Ammonia	1426D_01 Entire water body	2	2	0		0.33	ID	NA	NA		No
2006	Chlorophyll-a	1426D_01 Entire water body	2	2	0		14.10	ID	NA	NA		No
2006	Nitrate	1426D_01 Entire water body	18	18	9		1.95	AD	CS	CS		No
2006	Orthophosphorus	1426D_01 Entire water body	2	2	0		0.37	ID	NA	NA		No
2006	Total Phosphorus	1426D_01 Entire water body	2	2	0		0.69	ID	NA	NA		No
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2006	E. coli	1426D_01 Entire water body	2	2		3.00	126.00	ID	NA	NA		No
2006	Fecal coliform	1426D_01 Entire water body	0	0			200.00	ID	NA	NA		No
<b>Bacteria Single Sample</b>												
2006	E. coli	1426D_01 Entire water body	2	2	0		394.00	ID	NA	NA		No
2006	Fecal coliform	1426D_01 Entire water body	0	0			400.00	ID	NA	NA		No



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**Segment ID:** 1427      **Onion Creek**

**Water body type:** Freshwater Stream

**Water body size:** 78 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Aquatic Life Use</b>												
<b>Acute Toxic Substances in water</b>												
2006	Lead	1427_02	From US 183 upstream to FM 967	1	1	0	142.62	ID	NA	NA		No
2006	Multiple	1427_03	From FM 967 upstream to Jackson Branch confluence	1	1	0		ID	NA	NA		No
<b>Chronic Toxic Substances in water</b>												
2006	Lead	1427_02	From US 183 upstream to FM 967	1	1		2.40	ID	NA	NA		No
2006	Multiple	1427_03	From FM 967 upstream to Jackson Branch confluence	1	1			ID	NA	NA		No
<b>Dissolved Oxygen 24hr average</b>												
2008	Dissolved Oxygen 24hr Avg	1427_01	From the confluence with the Colorado River upstream to US 183	18	18	2		5.00	AD	FS	FS	No
2008	Dissolved Oxygen 24hr Avg	1427_02	From US 183 upstream to FM 967	20	20	2		5.00	AD	FS	FS	No
2008	Dissolved Oxygen 24hr Avg	1427_03	From FM 967 upstream to Jackson Branch confluence	27	27	2		5.00	AD	FS	FS	No
2008	Dissolved Oxygen 24hr Avg	1427_04	From Jackson Branch confluence to end of segment	20	20	3		5.00	AD	FS	FS	No
<b>Dissolved Oxygen 24hr minimum</b>												
2008	Dissolved Oxygen 24hr Min	1427_01	From the confluence with the Colorado River upstream to US 183	18	18	2		3.00	AD	FS	FS	No
2008	Dissolved Oxygen 24hr Min	1427_02	From US 183 upstream to FM 967	20	20	1		3.00	AD	FS	FS	No
2008	Dissolved Oxygen 24hr Min	1427_03	From FM 967 upstream to Jackson Branch confluence	27	27	0		3.00	AD	FS	FS	No
2008	Dissolved Oxygen 24hr Min	1427_04	From Jackson Branch confluence to end of segment	20	20	1		3.00	AD	FS	FS	No

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**Segment ID:** 1427      **Onion Creek**

**Water body type:** Freshwater Stream

**Water body size:** 78 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Aquatic Life Use</b>												
<b>Dissolved Oxygen grab minimum</b>												
2008	Dissolved Oxygen Grab	1427_01	From the confluence with the Colorado River upstream to US 183	93	89	0	3.00	SM	FS	FS		No
2008	Dissolved Oxygen Grab	1427_02	From US 183 upstream to FM 967	105	105	0	3.00	SM	FS	FS		No
2008	Dissolved Oxygen Grab	1427_03	From FM 967 upstream to Jackson Branch confluence	60	60	0	3.00	SM	FS	FS		No
2008	Dissolved Oxygen Grab	1427_04	From Jackson Branch confluence to end of segment	44	44	1	3.00	SM	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2008	Dissolved Oxygen Grab	1427_01	From the confluence with the Colorado River upstream to US 183	93	89	2	5.00	SM	NC	NC		No
2008	Dissolved Oxygen Grab	1427_02	From US 183 upstream to FM 967	105	105	7	5.00	SM	NC	NC		No
2008	Dissolved Oxygen Grab	1427_03	From FM 967 upstream to Jackson Branch confluence	60	60	6	5.00	SM	NC	NC		No
2008	Dissolved Oxygen Grab	1427_04	From Jackson Branch confluence to end of segment	44	44	5	5.00	SM	NC	NC		No
<b>Fish Community</b>												
2008	Fish Community	1427_01	From the confluence with the Colorado River upstream to US 183	3	3		44.30	AD	FS	FS		No
2008	Fish Community	1427_02	From US 183 upstream to FM 967	3	3		42.00	AD	FS	FS		No
2008	Fish Community	1427_03	From FM 967 upstream to Jackson Branch confluence	2	2		44.00	AD	FS	FS		No
2008	Fish Community	1427_04	From Jackson Branch confluence to end of segment	3	3		42.00	AD	FS	FS		No

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**Segment ID: 1427      Onion Creek**

**Water body type:** Freshwater Stream

**Water body size:** 78 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Aquatic Life Use</b>												
<b>Habitat</b>												
2008	Habitat	1427_01	From the confluence with the Colorado River upstream to US 183	3	3	23.60	20.00	AD	NC	NC		No
2008	Habitat	1427_02	From US 183 upstream to FM 967	3	3	19.00	20.00	JQ	NC	NC		No
2008	Habitat	1427_03	From FM 967 upstream to Jackson Branch confluence	2	2	18.00	20.00	JQ	NC	NC		No
2008	Habitat	1427_04	From Jackson Branch confluence to end of segment	3	3	18.30	20.00	JQ	NC	NC		No
<b>Macrobenthic Community</b>												
2008	Macrobenthic Community	1427_01	From the confluence with the Colorado River upstream to US 183	3	3	31.60	29.00	AD	FS	FS		No
2008	Macrobenthic Community	1427_02	From US 183 upstream to FM 967	3	3	31.30	29.00	AD	FS	FS		No
2008	Macrobenthic Community	1427_03	From FM 967 upstream to Jackson Branch confluence	2	2	34.50	29.00	AD	FS	FS		No
2008	Macrobenthic Community	1427_04	From Jackson Branch confluence to end of segment	3	3	31.00	29.00	AD	FS	FS		No
<b>Toxic Substances in sediment</b>												
2008	Metals	1427_01	From the confluence with the Colorado River upstream to US 183	4	4	0		LD	NC	NC		No
2006	Metals	1427_02	From US 183 upstream to FM 967	1	1	0		ID	NA	NA		No
2008	Organics	1427_01	From the confluence with the Colorado River upstream to US 183	3	3	0		ID	NA	NA		No
2006	Organics	1427_02	From US 183 upstream to FM 967	1	1	0		ID	NA	NA		No
<b>Fish Consumption Use</b>												
<b>HH Bioaccumulative Toxics in water</b>												
2006	Multiple	1427_03	From FM 967 upstream to Jackson Branch confluence	2	2			ID	NA	NA		No

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**Segment ID:** 1427      **Onion Creek**

**Water body type:** Freshwater Stream

**Water body size:** 78 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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### General Use

#### Dissolved Solids

2008	Chloride	1427_01	From the confluence with the Colorado River upstream to US 183	264	264		24.88	100.00	AD	FS	FS	No
2008	Chloride	1427_02	From US 183 upstream to FM 967	264	264		24.88	100.00	AD	FS	FS	No
2008	Chloride	1427_03	From FM 967 upstream to Jackson Branch confluence	264	264		24.88	50.00	AD	FS	FS	No
2008	Chloride	1427_04	From Jackson Branch confluence to end of segment	264	264		24.88	50.00	AD	FS	FS	No
2008	Sulfate	1427_01	From the confluence with the Colorado River upstream to US 183	259	259		40.16	100.00	AD	FS	FS	No
2008	Sulfate	1427_02	From US 183 upstream to FM 967	259	259		40.16	100.00	AD	FS	FS	No
2008	Sulfate	1427_03	From FM 967 upstream to Jackson Branch confluence	259	259		40.16	50.00	AD	FS	FS	No
2008	Sulfate	1427_04	From Jackson Branch confluence to end of segment	259	259		40.16	50.00	AD	FS	FS	No
2008	Total Dissolved Solids	1427_01	From the confluence with the Colorado River upstream to US 183	334	334		342.28	500.00	AD	FS	FS	No
2008	Total Dissolved Solids	1427_02	From US 183 upstream to FM 967	334	334		342.28	500.00	AD	FS	FS	No
2008	Total Dissolved Solids	1427_03	From FM 967 upstream to Jackson Branch confluence	334	334		342.28	400.00	AD	FS	FS	No
2008	Total Dissolved Solids	1427_04	From Jackson Branch confluence to end of segment	334	334		342.28	400.00	AD	FS	FS	No

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**Segment ID:** 1427      **Onion Creek**

**Water body type:** Freshwater Stream

**Water body size:** 78 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>General Use</b>												
<b>High pH</b>												
2008	pH	1427_01	From the confluence with the Colorado River upstream to US 183	99	95	0	9.00	AD	FS	FS		No
2008	pH	1427_02	From US 183 upstream to FM 967	114	114	0	9.00	AD	FS	FS		No
2008	pH	1427_03	From FM 967 upstream to Jackson Branch confluence	59	59	0	9.00	AD	FS	FS		No
2008	pH	1427_04	From Jackson Branch confluence to end of segment	49	49	0	9.00	AD	FS	FS		No
<b>Low pH</b>												
2008	pH	1427_01	From the confluence with the Colorado River upstream to US 183	99	95	0	6.50	AD	FS	FS		No
2008	pH	1427_02	From US 183 upstream to FM 967	114	114	1	6.50	AD	FS	FS		No
2008	pH	1427_03	From FM 967 upstream to Jackson Branch confluence	59	59	1	6.50	AD	FS	FS		No
2008	pH	1427_04	From Jackson Branch confluence to end of segment	49	49	0	6.50	AD	FS	FS		No

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**Segment ID:** 1427      **Onion Creek**

**Water body type:** Freshwater Stream

**Water body size:** 78 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2008	Ammonia	1427_01	From the confluence with the Colorado River upstream to US 183	89	89	7	0.33	AD	NC	NC		No
2008	Ammonia	1427_02	From US 183 upstream to FM 967	105	105	8	0.33	AD	NC	NC		No
2008	Ammonia	1427_03	From FM 967 upstream to Jackson Branch confluence	63	63	15	0.33	AD	NC	NC		No
2008	Ammonia	1427_04	From Jackson Branch confluence to end of segment	43	43	7	0.33	AD	NC	NC		No
2008	Chlorophyll-a	1427_01	From the confluence with the Colorado River upstream to US 183	69	69	0	14.10	AD	NC	NC		No
2008	Chlorophyll-a	1427_02	From US 183 upstream to FM 967	40	40	0	14.10	AD	NC	NC		No
2008	Chlorophyll-a	1427_03	From FM 967 upstream to Jackson Branch confluence	55	55	0	14.10	AD	NC	NC		No
2008	Chlorophyll-a	1427_04	From Jackson Branch confluence to end of segment	15	15	0	14.10	AD	NC	NC		No
2008	Nitrate	1427_01	From the confluence with the Colorado River upstream to US 183	88	88	7	1.95	AD	NC	NC		No
2008	Nitrate	1427_02	From US 183 upstream to FM 967	99	99	2	1.95	AD	NC	NC		No
2008	Nitrate	1427_03	From FM 967 upstream to Jackson Branch confluence	62	62	3	1.95	AD	NC	NC		No
2008	Nitrate	1427_04	From Jackson Branch confluence to end of segment	41	41	1	1.95	AD	NC	NC		No
2008	Orthophosphorus	1427_01	From the confluence with the Colorado River upstream to US 183	85	85	0	0.37	AD	NC	NC		No
2008	Orthophosphorus	1427_02	From US 183 upstream to FM 967	100	100	0	0.37	AD	NC	NC		No
2008	Orthophosphorus	1427_03	From FM 967 upstream to Jackson Branch confluence	61	61	0	0.37	AD	NC	NC		No
2008	Orthophosphorus	1427_04	From Jackson Branch confluence to end of segment	41	41	0	0.37	AD	NC	NC		No

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**Segment ID:** 1427      **Onion Creek**

**Water body type:** Freshwater Stream

**Water body size:** 78 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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### General Use

#### Nutrient Screening Levels

2008	Total Phosphorus	1427_01	From the confluence with the Colorado River upstream to US 183	75	75	0	0.69	AD	NC	NC		No
2008	Total Phosphorus	1427_02	From US 183 upstream to FM 967	81	81	0	0.69	AD	NC	NC		No
2008	Total Phosphorus	1427_03	From FM 967 upstream to Jackson Branch confluence	57	57	0	0.69	AD	NC	NC		No
2008	Total Phosphorus	1427_04	From Jackson Branch confluence to end of segment	29	29	1	0.69	AD	NC	NC		No

#### Water Temperature

2008	Temperature	1427_01	From the confluence with the Colorado River upstream to US 183	107	103	1	32.20	AD	FS	FS		No
2008	Temperature	1427_02	From US 183 upstream to FM 967	116	116	1	32.20	AD	FS	FS		No
2008	Temperature	1427_03	From FM 967 upstream to Jackson Branch confluence	65	65	0	32.20	AD	FS	FS		No
2008	Temperature	1427_04	From Jackson Branch confluence to end of segment	49	49	0	32.20	AD	FS	FS		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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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- Superseded by another method;  
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**Segment ID:** 1427      **Onion Creek**

**Water body type:** Freshwater Stream

**Water body size:** 78 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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### Public Water Supply Use

#### **Finished Drinking Water Dissolved Solids average**

2008	Multiple	1427_01	From the confluence with the Colorado River upstream to US 183					OE	NC	NC		No
2008	Multiple	1427_02	From US 183 upstream to FM 967					OE	NC	NC		No
2008	Multiple	1427_03	From FM 967 upstream to Jackson Branch confluence					OE	NC	NC		No
2008	Multiple	1427_04	From Jackson Branch confluence to end of segment					OE	NC	NC		No

#### **Finished Drinking Water MCLs and Toxic Substances running average**

2008	Multiple	1427_01	From the confluence with the Colorado River upstream to US 183					OE	FS	FS		No
2008	Multiple	1427_02	From US 183 upstream to FM 967					OE	FS	FS		No
2008	Multiple	1427_03	From FM 967 upstream to Jackson Branch confluence					OE	FS	FS		No
2008	Multiple	1427_04	From Jackson Branch confluence to end of segment					OE	FS	FS		No

#### **Finished Drinking Water MCLs Concern**

2008	Multiple	1427_01	From the confluence with the Colorado River upstream to US 183					OE	NC	NC		No
2008	Multiple	1427_02	From US 183 upstream to FM 967					OE	NC	NC		No
2008	Multiple	1427_03	From FM 967 upstream to Jackson Branch confluence					OE	NC	NC		No
2008	Multiple	1427_04	From Jackson Branch confluence to end of segment					OE	NC	NC		No



## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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**Segment ID:** 1427      **Onion Creek**

**Water body type:** Freshwater Stream

**Water body size:** 78 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry- Forward</u>
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### Public Water Supply Use

#### Surface Water HH criteria for PWS average

2006	Fluoride	1427_01	From the confluence with the Colorado River upstream to US 183	14	14	0.29	4,000.00	AD	FS	FS		No
2006	Fluoride	1427_02	From US 183 upstream to FM 967	14	14	0.19	4,000.00	AD	FS	FS		No
2006	Fluoride	1427_03	From FM 967 upstream to Jackson Branch confluence	15	15	0.21	4,000.00	AD	FS	FS		No
2006	Multiple	1427_03	From FM 967 upstream to Jackson Branch confluence	1	1			ID	NA	NA		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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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:** 1427      **Onion Creek**

**Water body type:** Freshwater Stream

**Water body size:** 78 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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### Recreation Use

#### **Bacteria Geomean**

2008	E. coli	1427_01	From the confluence with the Colorado River upstream to US 183	75	75	0	41.89	126.00	AD	FS	FS	No
2008	E. coli	1427_02	From US 183 upstream to FM 967	51	51	0	23.71	126.00	AD	FS	FS	No
2008	E. coli	1427_03	From FM 967 upstream to Jackson Branch confluence	45	45	0	32.93	126.00	AD	FS	FS	No
2008	E. coli	1427_04	From Jackson Branch confluence to end of segment	24	24	0	19.72	126.00	AD	FS	FS	No
2008	Fecal coliform	1427_01	From the confluence with the Colorado River upstream to US 183	39	39	0	79.37	200.00	SM	FS	FS	No
2008	Fecal coliform	1427_02	From US 183 upstream to FM 967	66	66	0	41.41	200.00	SM	FS	FS	No
2008	Fecal coliform	1427_03	From FM 967 upstream to Jackson Branch confluence	38	38	0	47.33	200.00	SM	FS	FS	No
2008	Fecal coliform	1427_04	From Jackson Branch confluence to end of segment	30	30	0	57.61	200.00	SM	FS	FS	No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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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:** 1427      **Onion Creek**

**Water body type:** Freshwater Stream

**Water body size:** 78 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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### Recreation Use

#### **Bacteria Single Sample**

2008	E. coli	1427_01	From the confluence with the Colorado River upstream to US 183	75	75	5	394.00	AD	FS	FS		No
2008	E. coli	1427_02	From US 183 upstream to FM 967	51	51	1	394.00	AD	FS	FS		No
2008	E. coli	1427_03	From FM 967 upstream to Jackson Branch confluence	45	45	1	394.00	AD	FS	FS		No
2008	E. coli	1427_04	From Jackson Branch confluence to end of segment	24	24	1	394.00	AD	FS	FS		No
2008	Fecal coliform	1427_01	From the confluence with the Colorado River upstream to US 183	39	39	6	400.00	SM	FS	FS		No
2008	Fecal coliform	1427_02	From US 183 upstream to FM 967	66	66	6	400.00	SM	FS	FS		No
2008	Fecal coliform	1427_03	From FM 967 upstream to Jackson Branch confluence	38	38	2	400.00	SM	FS	FS		No
2008	Fecal coliform	1427_04	From Jackson Branch confluence to end of segment	30	30	3	400.00	SM	FS	FS		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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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- Superseded by another method;  
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**Segment ID:** 1427A **Slaughter Creek (unclassified water body)**

**Water body type:** Freshwater Stream

**Water body size:** 16 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry- Forward</u>
<b>Aquatic Life Use</b>												
<b>Dissolved Oxygen 24hr average</b>												
2006	Dissolved Oxygen 24hr Avg	1427A_01 Entire water body	10	10	2		5.00	AD	CN	CN		No
<b>Dissolved Oxygen 24hr minimum</b>												
2006	Dissolved Oxygen 24hr Min	1427A_01 Entire water body	10	10	2		3.00	AD	CN	CN		No
<b>Dissolved Oxygen grab minimum</b>												
2006	Dissolved Oxygen Grab	1427A_01 Entire water body	6	6	0		3.00	TR	NA	NA		No
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	1427A_01 Entire water body	6	6	1		5.00	TR	NA	NA		No
<b>Macrobenthic Community</b>												
2006	Macrobenthic Community	1427A_01 Entire water body	0	0				ID	NA	NS	5b	Yes
<b>Toxic Substances in sediment</b>												
2006	Iron	1427A_01 Entire water body	1	1	0		40,000.00	ID	NA	NA		No
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2006	Ammonia	1427A_01 Entire water body	9	9	0		0.33	TR	NA	NA		No
2006	Chlorophyll-a	1427A_01 Entire water body	3	3	0		14.10	TR	NA	NA		No
2006	Nitrate	1427A_01 Entire water body	9	9	0		1.95	TR	NA	NA		No
2006	Orthophosphorus	1427A_01 Entire water body	8	8	0		0.37	TR	NA	NA		No
2006	Total Phosphorus	1427A_01 Entire water body	8	8	0		0.69	TR	NA	NA		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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**Segment ID:** 1427B **Williamson Creek (unclassified water body)**

**Water body type:** Freshwater Stream

**Water body size:** 16 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Aquatic Life Use</b>												
<b>Dissolved Oxygen grab minimum</b>												
2006	Dissolved Oxygen Grab	1427B_01 Entire water body	49	47	0		3.00	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	1427B_01 Entire water body	49	47	2		5.00	AD	NC	NC		No
<b>Toxic Substances in sediment</b>												
2006	Metals	1427B_01 Entire water body	1	1	0			ID	NA	NA		No
2006	Organics	1427B_01 Entire water body	1	1	0			ID	NA	NA		No
<b>Fish Consumption Use</b>												
<b>HH Bioaccumulative Toxics in water</b>												
2006	DDE	1427B_01 Entire water body	3	3		0.00	0.01	ID	NA	NA		No
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2006	Ammonia	1427B_01 Entire water body	11	11	1		0.33	TR	NA	NA		No
2006	Nitrate	1427B_01 Entire water body	12	12	0		1.95	TR	NA	NA		No
2006	Orthophosphorus	1427B_01 Entire water body	11	11	0		0.37	TR	NA	NA		No
2006	Total Phosphorus	1427B_01 Entire water body	7	7	0		0.69	TR	NA	NA		No
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2006	Fecal coliform	1427B_01 Entire water body	6	6		368.00	200.00	TR	NA	NA		No
<b>Bacteria Single Sample</b>												
2006	Fecal coliform	1427B_01 Entire water body	6	6	1		400.00	TR	NA	NA		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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**Segment ID:** 1427C      **Bear Creek (unclassified water body)**

**Water body type:** Freshwater Stream

**Water body size:** 15 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Aquatic Life Use</b>												
<b>Dissolved Oxygen grab minimum</b>												
2006	Dissolved Oxygen Grab	1427C_01 Entire water body	8	8	0		2.00	LD	NC	NC		No
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	1427C_01 Entire water body	8	8	1		3.00	LD	NC	NC		No
<b>Toxic Substances in sediment</b>												
2006	Iron	1427C_01 Entire water body	1	1	0		40,000.00	ID	NA	NA		No
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2006	Ammonia	1427C_01 Entire water body	8	8	0		0.33	LD	NC	NC		No
2006	Chlorophyll-a	1427C_01 Entire water body	8	8	0		14.10	LD	NC	NC		No
2006	Nitrate	1427C_01 Entire water body	8	8	2		1.95	LD	NC	NC		No
2006	Orthophosphorus	1427C_01 Entire water body	8	8	0		0.37	LD	NC	NC		No
2006	Total Phosphorus	1427C_01 Entire water body	8	8	0		0.69	LD	NC	NC		No
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2006	E. coli	1427C_01 Entire water body	8	8		42.00	126.00	LD	NC	NC		No
2006	Fecal coliform	1427C_01 Entire water body	3	3		38.00	200.00	ID	NA	NA		No
<b>Bacteria Single Sample</b>												
2006	E. coli	1427C_01 Entire water body	8	8	2		394.00	LD	NC	NC		No
2006	Fecal coliform	1427C_01 Entire water body	3	3	0		400.00	ID	NA	NA		No

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**Segment ID:** 1427G **Granada Hills Tributary to Slaughter Creek (unclassified water body)**

**Water body type:** Freshwater Stream

**Water body size:** 2 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Aquatic Life Use</b>												
<b>Dissolved Oxygen grab minimum</b>												
2006	Dissolved Oxygen Grab	1427G_01 Entire water body	0	0			1.50	ID	NA	NA		No
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	1427G_01 Entire water body	0	0			2.00	ID	NA	NA		No
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2006	Ammonia	1427G_01 Entire water body	10	10	0		0.33	AD	NC	NC		No
2006	Nitrate	1427G_01 Entire water body	10	10	5		1.95	AD	CS	CS		No
2006	Orthophosphorus	1427G_01 Entire water body	10	10	0		0.37	AD	NC	NC		No
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2006	E. coli	1427G_01 Entire water body	0	0			126.00	ID	NA	NA		No
2006	Fecal coliform	1427G_01 Entire water body	9	9		161.00	200.00	LD	NC	NC		No
<b>Bacteria Single Sample</b>												
2006	E. coli	1427G_01 Entire water body	0	0			394.00	ID	NA	NA		No
2006	Fecal coliform	1427G_01 Entire water body	9	9	2		400.00	LD	NC	NC		No

2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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Segment ID: 1427H Pier Branch (unclassified water body)

Water body type: Freshwater Stream Water body size: 5 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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Aquatic Life Use

Dissolved Oxygen grab minimum

2006	Dissolved Oxygen Grab	1427H_01	Entire water body	34	34	0	3.00	AD	FS	FS		No
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Dissolved Oxygen grab screening level

2006	Dissolved Oxygen Grab	1427H_01	Entire water body	34	34	0	5.00	AD	NC	NC		No
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Recreation Use

Bacteria Geomean

2006	E. coli	1427H_01	Entire water body	0	0		126.00	ID	NA	NA		No
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Bacteria Single Sample

2006	E. coli	1427H_01	Entire water body	0	0	0	394.00	ID	NA	NA		No
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## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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**Segment ID: 1428 Colorado River Below Town Lake**

**Water body type:** Freshwater Stream

**Water body size:** 41 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Aquatic Life Use</b>												
<b>Dissolved Oxygen grab minimum</b>												
2008	Dissolved Oxygen Grab	1428_01	Lower end of segment to Gilleland Creek confluence	45	42	0	4.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	1428_02	From the confluence of Gilleland Creek upstream to the confluence of Walnut Ck.	39	35	0	4.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	1428_03	Walnut Creek to Longhorn Dam	79	73	0	4.00	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2008	Dissolved Oxygen Grab	1428_01	Lower end of segment to Gilleland Creek confluence	45	42	1	6.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	1428_02	From the confluence of Gilleland Creek upstream to the confluence of Walnut Ck.	39	35	0	6.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	1428_03	Walnut Creek to Longhorn Dam	79	73	6	6.00	AD	NC	NC		No
<b>Fish Community</b>												
2008	Fish Community	1428_01	Lower end of segment to Gilleland Creek confluence	0	0		49.00	ID	NA	CN		Yes
<b>Macrobenthic Community</b>												
2008	Macrobenthic Community	1428_01	Lower end of segment to Gilleland Creek confluence	0	0			ID	NA	CN		Yes
<b>Toxic Substances in sediment</b>												
2008	Mercury	1428_01	Lower end of segment to Gilleland Creek confluence	3	3	1	1.06	ID	NA	NA		No
2008	Metals	1428_01	Lower end of segment to Gilleland Creek confluence	3	3	0		ID	NA	NA		No
2008	Organics	1428_01	Lower end of segment to Gilleland Creek confluence	2	2	0		ID	NA	NA		No
<b>Fish Consumption Use</b>												
<b>Bioaccumulative Toxics in fish tissue</b>												
2006	Multiple	1428_01	Lower end of segment to Gilleland Creek confluence	1	1			ID	NA	NA		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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**Segment ID:** 1428 **Colorado River Below Town Lake**

**Water body type:** Freshwater Stream

**Water body size:** 41 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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### General Use

#### Dissolved Solids

2008	Chloride	1428_01	Lower end of segment to Gilleland Creek confluence	118	118		37.71	100.00	AD	FS	FS	No
2008	Chloride	1428_02	From the confluence of Gilleland Creek upstream to the confluence of Walnut Ck.	118	118		37.71	100.00	AD	FS	FS	No
2008	Chloride	1428_03	Walnut Creek to Longhorn Dam	118	118		37.71	100.00	AD	FS	FS	No
2008	Sulfate	1428_01	Lower end of segment to Gilleland Creek confluence	118	118		30.85	100.00	AD	FS	FS	No
2008	Sulfate	1428_02	From the confluence of Gilleland Creek upstream to the confluence of Walnut Ck.	118	118		30.85	100.00	AD	FS	FS	No
2008	Sulfate	1428_03	Walnut Creek to Longhorn Dam	118	118		30.85	100.00	AD	FS	FS	No
2008	Total Dissolved Solids	1428_01	Lower end of segment to Gilleland Creek confluence	155	155		303.72	500.00	AD	FS	FS	No
2008	Total Dissolved Solids	1428_02	From the confluence of Gilleland Creek upstream to the confluence of Walnut Ck.	155	155		303.72	500.00	AD	FS	FS	No
2008	Total Dissolved Solids	1428_03	Walnut Creek to Longhorn Dam	155	155		303.72	500.00	AD	FS	FS	No

#### High pH

2008	pH	1428_01	Lower end of segment to Gilleland Creek confluence	45	42	0		9.00	AD	FS	FS	No
2008	pH	1428_02	From the confluence of Gilleland Creek upstream to the confluence of Walnut Ck.	39	35	0		9.00	AD	FS	FS	No
2008	pH	1428_03	Walnut Creek to Longhorn Dam	79	73	0		9.00	AD	FS	FS	No

#### Low pH

2008	pH	1428_01	Lower end of segment to Gilleland Creek confluence	45	42	0		6.50	AD	FS	FS	No
2008	pH	1428_02	From the confluence of Gilleland Creek upstream to the confluence of Walnut Ck.	39	35	0		6.50	AD	FS	FS	No
2008	pH	1428_03	Walnut Creek to Longhorn Dam	79	73	0		6.50	AD	FS	FS	No

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### Segment ID: 1428 Colorado River Below Town Lake

**Water body type:** Freshwater Stream

**Water body size:** 41 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry- Forward</u>
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2008	Ammonia	1428_01	Lower end of segment to Gilleland Creek confluence	41	41	0	0.33	AD	NC	NC		No
2008	Ammonia	1428_02	From the confluence of Gilleland Creek upstream to the confluence of Walnut Ck.	35	35	0	0.33	AD	NC	NC		No
2008	Ammonia	1428_03	Walnut Creek to Longhorn Dam	39	39	0	0.33	AD	NC	NC		No
2008	Chlorophyll-a	1428_01	Lower end of segment to Gilleland Creek confluence	40	40	1	14.10	AD	NC	NC		No
2008	Chlorophyll-a	1428_02	From the confluence of Gilleland Creek upstream to the confluence of Walnut Ck.	34	34	1	14.10	AD	NC	NC		No
2008	Chlorophyll-a	1428_03	Walnut Creek to Longhorn Dam	40	40	1	14.10	AD	NC	NC		No
2008	Nitrate	1428_01	Lower end of segment to Gilleland Creek confluence	40	40	22	1.95	AD	CS	CS		No
2008	Nitrate	1428_02	From the confluence of Gilleland Creek upstream to the confluence of Walnut Ck.	35	35	8	1.95	AD	NC	NC		No
2008	Nitrate	1428_03	Walnut Creek to Longhorn Dam	41	41	0	1.95	AD	NC	NC		No
2008	Orthophosphorus	1428_01	Lower end of segment to Gilleland Creek confluence	41	41	22	0.37	AD	CS	CS		No
2008	Orthophosphorus	1428_02	From the confluence of Gilleland Creek upstream to the confluence of Walnut Ck.	36	36	9	0.37	AD	NC	NC		No
2008	Orthophosphorus	1428_03	Walnut Creek to Longhorn Dam	38	38	0	0.37	AD	NC	NC		No
2008	Total Phosphorus	1428_01	Lower end of segment to Gilleland Creek confluence	41	41	13	0.69	AD	CS	CS		No
2008	Total Phosphorus	1428_02	From the confluence of Gilleland Creek upstream to the confluence of Walnut Ck.	36	36	4	0.69	AD	NC	NC		No
2008	Total Phosphorus	1428_03	Walnut Creek to Longhorn Dam	41	41	0	0.69	AD	NC	NC		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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### Segment ID: 1428 Colorado River Below Town Lake

**Water body type:** Freshwater Stream

**Water body size:** 41 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>General Use</b>												
<b>Water Temperature</b>												
2008	Temperature	1428_01	Lower end of segment to Gilleland Creek confluence	45	42	0	35.00	AD	FS	FS		No
2008	Temperature	1428_02	From the confluence of Gilleland Creek upstream to the confluence of Walnut Ck.	39	35	0	35.00	AD	FS	FS		No
2008	Temperature	1428_03	Walnut Creek to Longhorn Dam	84	78	0	35.00	AD	FS	FS		No
<b>Public Water Supply Use</b>												
<b>Finished Drinking Water Dissolved Solids average</b>												
2008	Multiple	1428_01	Lower end of segment to Gilleland Creek confluence					OE	NC	NC		No
2008	Multiple	1428_02	From the confluence of Gilleland Creek upstream to the confluence of Walnut Ck.					OE	NC	NC		No
2008	Multiple	1428_03	Walnut Creek to Longhorn Dam					OE	NC	NC		No
<b>Finished Drinking Water MCLs and Toxic Substances running average</b>												
2008	Multiple	1428_01	Lower end of segment to Gilleland Creek confluence					OE	FS	FS		No
2008	Multiple	1428_02	From the confluence of Gilleland Creek upstream to the confluence of Walnut Ck.					OE	FS	FS		No
2008	Multiple	1428_03	Walnut Creek to Longhorn Dam					OE	FS	FS		No
<b>Finished Drinking Water MCLs Concern</b>												
2008	Multiple	1428_01	Lower end of segment to Gilleland Creek confluence					OE	NC	NC		No
2008	Multiple	1428_02	From the confluence of Gilleland Creek upstream to the confluence of Walnut Ck.					OE	NC	NC		No
2008	Multiple	1428_03	Walnut Creek to Longhorn Dam					OE	NC	NC		No

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### Segment ID: 1428 Colorado River Below Town Lake

**Water body type:** Freshwater Stream

**Water body size:** 41 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2008	E. coli	1428_01	Lower end of segment to Gilleland Creek confluence	41	41	0	47.13	126.00	AD	FS	FS	No
2008	E. coli	1428_02	From the confluence of Gilleland Creek upstream to the confluence of Walnut Ck.	36	36	0	48.47	126.00	AD	FS	FS	No
2008	E. coli	1428_03	Walnut Creek to Longhorn Dam	41	41	1	143.03	126.00	AD	NS	NS	5c No
2008	Fecal coliform	1428_01	Lower end of segment to Gilleland Creek confluence	11	11	0	55.12	200.00	SM	FS	FS	No
2008	Fecal coliform	1428_02	From the confluence of Gilleland Creek upstream to the confluence of Walnut Ck.	6	6	0	53.21	200.00	LD	NC	NC	No
2008	Fecal coliform	1428_03	Walnut Creek to Longhorn Dam	11	11	1	232.14	200.00	SM	NS	NS	No
<b>Bacteria Single Sample</b>												
2008	E. coli	1428_01	Lower end of segment to Gilleland Creek confluence	41	41	1		394.00	AD	FS	FS	No
2008	E. coli	1428_02	From the confluence of Gilleland Creek upstream to the confluence of Walnut Ck.	36	36	2		394.00	AD	FS	FS	No
2008	E. coli	1428_03	Walnut Creek to Longhorn Dam	41	41	5		394.00	AD	FS	FS	No
2008	Fecal coliform	1428_01	Lower end of segment to Gilleland Creek confluence	11	11	0		400.00	SM	FS	FS	No
2008	Fecal coliform	1428_02	From the confluence of Gilleland Creek upstream to the confluence of Walnut Ck.	6	6	0		400.00	LD	NC	NC	No
2008	Fecal coliform	1428_03	Walnut Creek to Longhorn Dam	11	11	4		400.00	SM	CN	CN	No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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**Segment ID:** 1428A **Boggy Creek (unclassified water body)**

**Water body type:** Freshwater Stream

**Water body size:** 7 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Aquatic Life Use</b>												
<b>Dissolved Oxygen grab minimum</b>												
2006	Dissolved Oxygen Grab	1428A_01 Entire water body	3	3	0		2.00	TR	NA	NA		No
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	1428A_01 Entire water body	3	3	0		3.00	TR	NA	NA		No
<b>Toxic Substances in sediment</b>												
2006	Metals	1428A_01 Entire water body	1	1	0			ID	NA	NA		No
2006	Organics	1428A_01 Entire water body	1	1	0			ID	NA	NA		No
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2006	Ammonia	1428A_01 Entire water body	2	2	0		0.33	ID	NA	NA		No
2006	Chlorophyll-a	1428A_01 Entire water body	0	0			14.10	ID	NA	NA		No
2006	Nitrate	1428A_01 Entire water body	1	1	0		1.95	ID	NA	NA		No
2006	Orthophosphorus	1428A_01 Entire water body	2	2	0		0.37	ID	NA	NA		No
2006	Total Phosphorus	1428A_01 Entire water body	0	0			0.69	ID	NA	NA		No
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2006	Fecal coliform	1428A_01 Entire water body	1	1		480.00		ID	NA	NA		No
<b>Bacteria Single Sample</b>												
2006	Fecal coliform	1428A_01 Entire water body	1	1	1		400.00	ID	NA	NA		No

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**Segment ID:** 1428B **Walnut Creek (unclassified water body)**

**Water body type:** Freshwater Stream

**Water body size:** 20 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Aquatic Life Use</b>												
<b>Dissolved Oxygen 24hr average</b>												
2008	Dissolved Oxygen 24hr Avg	1428B_03	From old Manor Road upstream to Dessau Road	2	2	1	5.00	ID	NA	NA		No
<b>Dissolved Oxygen 24hr minimum</b>												
2008	Dissolved Oxygen 24hr Min	1428B_03	From old Manor Road upstream to Dessau Road	2	2	0	3.00	ID	NA	NA		No
<b>Dissolved Oxygen grab minimum</b>												
2008	Dissolved Oxygen Grab	1428B_01	From the Colorado River upstream to FM 969	14	14	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	1428B_02	From FM 969 upstream to Old Manor Rd.	10	10	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	1428B_03	From old Manor Road upstream to Dessau Road	15	15	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	1428B_04	From Dessau Rd. upstream to MoPac/Loop 1	19	19	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	1428B_05	From MoPac/Loop 1 upstream to railroad tracks west of Loop 1	10	10	0	2.00	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2008	Dissolved Oxygen Grab	1428B_01	From the Colorado River upstream to FM 969	14	14	0	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	1428B_02	From FM 969 upstream to Old Manor Rd.	10	10	0	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	1428B_03	From old Manor Road upstream to Dessau Road	15	15	0	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	1428B_04	From Dessau Rd. upstream to MoPac/Loop 1	19	19	0	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	1428B_05	From MoPac/Loop 1 upstream to railroad tracks west of Loop 1	10	10	0	3.00	AD	NC	NC		No
<b>Macroinvertebrate Community</b>												
2008	Macroinvertebrate Community	1428B_04	From Dessau Rd. upstream to MoPac/Loop 1					ID	NA	CN		Yes

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Segment ID: 1428B Walnut Creek (unclassified water body)

Water body type: Freshwater Stream Water body size: 20 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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Aquatic Life Use

Toxic Substances in sediment

2006	Metals	1428B_01	From the Colorado River upstream to FM 969	1	1	0		ID	NA	NA		No
2006	Organics	1428B_01	From the Colorado River upstream to FM 969	1	1	0		ID	NA	NA		No



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Segment ID: 1428B Walnut Creek (unclassified water body)

Water body type: Freshwater Stream Water body size: 20 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of</u> <u>Samples</u>	<u>#</u> <u>Assessed</u>	<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> <u>Supp</u>	<u>Imp</u> <u>Category</u>	<u>Carry</u> <u>Forward</u>
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General Use

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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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- Superseded by another method;  
 JQ- Assessor Judgement; OE- Other Information Evaluated; OS- Out-of-State; AU ID - Assessment Unit ID \*Note: Carry-forward refers to impairments without sufficient information in 2008 to re-evaluate the level of support.

**Segment ID:** 1428B **Walnut Creek (unclassified water body)**

**Water body type:** Freshwater Stream

**Water body size:** 20 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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### General Use

#### Nutrient Screening Levels

2008	Ammonia	1428B_01	From the Colorado River upstream to FM 969	10	10	0	0.33	AD	NC	NC		No
2008	Ammonia	1428B_02	From FM 969 upstream to Old Manor Rd.	10	10	0	0.33	AD	NC	NC		No
2008	Ammonia	1428B_03	From old Manor Road upstream to Dessau Road	16	16	0	0.33	AD	NC	NC		No
2008	Ammonia	1428B_04	From Dessau Rd. upstream to MoPac/Loop 1	18	18	0	0.33	AD	NC	NC		No
2008	Ammonia	1428B_05	From MoPac/Loop 1 upstream to railroad tracks west of Loop 1	10	10	0	0.33	AD	NC	NC		No
2008	Chlorophyll-a	1428B_03	From old Manor Road upstream to Dessau Road	0	0		14.10	ID	NA	NA		No
2008	Chlorophyll-a	1428B_04	From Dessau Rd. upstream to MoPac/Loop 1	1	1	0	14.10	ID	NA	NA		No
2008	Chlorophyll-a	1428B_05	From MoPac/Loop 1 upstream to railroad tracks west of Loop 1	0	0	0	14.10	ID	NA	NA		No
2008	Nitrate	1428B_01	From the Colorado River upstream to FM 969	12	12	0	1.95	AD	NC	NC		No
2008	Nitrate	1428B_02	From FM 969 upstream to Old Manor Rd.	10	10	0	1.95	AD	NC	NC		No
2008	Nitrate	1428B_03	From old Manor Road upstream to Dessau Road	14	14	0	1.95	AD	NC	NC		No
2008	Nitrate	1428B_04	From Dessau Rd. upstream to MoPac/Loop 1	15	15	0	1.95	AD	NC	NC		No
2008	Nitrate	1428B_05	From MoPac/Loop 1 upstream to railroad tracks west of Loop 1	10	10	0	1.95	AD	NC	NC		No
2008	Orthophosphorus	1428B_01	From the Colorado River upstream to FM 969	13	13	0	0.37	AD	NC	NC		No
2008	Orthophosphorus	1428B_02	From FM 969 upstream to Old Manor Rd.	10	10	0	0.37	AD	NC	NC		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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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- Superseded by another method;  
 JQ- Assessor Judgement; OE- Other Information Evaluated; OS- Out-of-State; AU ID - Assessment Unit ID \*Note: Carry-forward refers to impairments without sufficient information in 2008 to re-evaluate the level of support.

**Segment ID:** 1428B      **Walnut Creek (unclassified water body)**

**Water body type:** Freshwater Stream

**Water body size:** 20 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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### General Use

#### Nutrient Screening Levels

2008	Orthophosphorus	1428B_03	From old Manor Road upstream to Dessau Road	13	13	0	0.37	AD	NC	NC		No
2008	Orthophosphorus	1428B_04	From Dessau Rd. upstream to MoPac/Loop 1	16	16	0	0.37	AD	NC	NC		No
2008	Orthophosphorus	1428B_05	From MoPac/Loop 1 upstream to railroad tracks west of Loop 1	9	9	0	0.37	LD	NC	NC		No
2008	Total Phosphorus	1428B_01	From the Colorado River upstream to FM 969	4	4	0	0.69	LD	NC	NC		No
2008	Total Phosphorus	1428B_02	From FM 969 upstream to Old Manor Rd.	10	10	0	0.69	AD	NC	NC		No
2008	Total Phosphorus	1428B_03	From old Manor Road upstream to Dessau Road	3	3	0	0.69	ID	NA	NA		No
2008	Total Phosphorus	1428B_04	From Dessau Rd. upstream to MoPac/Loop 1	10	10	0	0.69	AD	NC	NC		No
2008	Total Phosphorus	1428B_05	From MoPac/Loop 1 upstream to railroad tracks west of Loop 1	0	0	0	0.69	ID	NA	NA		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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**Segment ID:** 1428B      **Walnut Creek (unclassified water body)**

**Water body type:** Freshwater Stream

**Water body size:** 20 Miles

<u>YEAR</u>		<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Recreation Use</b>													
<b>Bacteria Geomean</b>													
2008	E. coli	1428B_01	From the Colorado River upstream to FM 969	7	7	1	160.91	126.00	LD	CN	CN		No
2008	E. coli	1428B_03	From old Manor Road upstream to Dessau Road	9	9	0	90.15	126.00	LD	NC	NC		No
2008	E. coli	1428B_04	From Dessau Rd. upstream to MoPac/Loop 1	9	9	1	144.24	126.00	SM	CN	CN		No
2008	E. coli	1428B_05	From MoPac/Loop 1 upstream to railroad tracks west of Loop 1	7	7		978.80	126.00	LD	CN	CN		No
2008	Fecal coliform	1428B_01	From the Colorado River upstream to FM 969	10	10	1	259.00	200.00	AD	NS	NS	5c	No
2008	Fecal coliform	1428B_02	From FM 969 upstream to Old Manor Rd.	10	10	0	95.69	200.00	AD	FS	FS		No
2008	Fecal coliform	1428B_03	From old Manor Road upstream to Dessau Road	10	10	0	208.00	200.00	AD	NS	NS	5c	No
2008	Fecal coliform	1428B_04	From Dessau Rd. upstream to MoPac/Loop 1	10	10		194.00	200.00	AD	FS	FS		No
2008	Fecal coliform	1428B_05	From MoPac/Loop 1 upstream to railroad tracks west of Loop 1	0	0			200.00	ID	NA	NA		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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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: 1428B Walnut Creek (unclassified water body)**

**Water body type:** Freshwater Stream

**Water body size:** 20 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry- Forward</u>
<b>Recreation Use</b>												
<b>Bacteria Single Sample</b>												
2008	E. coli	1428B_01	From the Colorado River upstream to FM 969	7	7	1	394.00	LD	NC	NC		No
2008	E. coli	1428B_03	From old Manor Road upstream to Dessau Road	9	9	0	394.00	LD	NC	NC		No
2008	E. coli	1428B_04	From Dessau Rd. upstream to MoPac/Loop 1	9	9	1	394.00	SM	NC	NC		No
2008	E. coli	1428B_05	From MoPac/Loop 1 upstream to railroad tracks west of Loop 1	7	7	7	394.00	LD	NS	NS	5c	No
2008	Fecal coliform	1428B_01	From the Colorado River upstream to FM 969	10	10	3	400.00	AD	FS	FS		No
2008	Fecal coliform	1428B_02	From FM 969 upstream to Old Manor Rd.	10	10	1	400.00	AD	FS	FS		No
2008	Fecal coliform	1428B_03	From old Manor Road upstream to Dessau Road	10	10	1	400.00	AD	FS	FS		No
2008	Fecal coliform	1428B_04	From Dessau Rd. upstream to MoPac/Loop 1	10	10	3	400.00	AD	FS	FS		No
2008	Fecal coliform	1428B_05	From MoPac/Loop 1 upstream to railroad tracks west of Loop 1	0	0	0	400.00	ID	NA	NA		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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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- Superseded by another method;  
 JQ- Assessor Judgement; OE- Other Information Evaluated; OS- Out-of-State; AU ID - Assessment Unit ID \*Note: Carry-forward refers to impairments without sufficient information in 2008 to re-evaluate the level of support.

**Segment ID:** 1428C      **Gilleland Creek (unclassified water body)**

**Water body type:** Freshwater Stream

**Water body size:** 24 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Aquatic Life Use</b>												
<b>Dissolved Oxygen 24hr average</b>												
2008	Dissolved Oxygen 24hr Avg	1428C_01	From the Colorado River upstream to Taylor Lane	10	10	0	5.00	AD	FS	FS		No
<b>Dissolved Oxygen 24hr minimum</b>												
2008	Dissolved Oxygen 24hr Min	1428C_01	From the Colorado River upstream to Taylor Lane	10	10	0	3.00	AD	FS	FS		No
<b>Dissolved Oxygen grab minimum</b>												
2008	Dissolved Oxygen Grab	1428C_01	From the Colorado River upstream to Taylor Lane	42	42	0	3.00	SM	FS	FS		No
2008	Dissolved Oxygen Grab	1428C_02	From Taylor Lane upstream to Old Highway 20	10	10	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	1428C_03	From Old Highway 20 to Cameron Road	10	10	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	1428C_04	From Cameron Road to the spring source	29	29	0	3.00	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2008	Dissolved Oxygen Grab	1428C_01	From the Colorado River upstream to Taylor Lane	42	42	0	5.00	SM	NC	NC		No
2008	Dissolved Oxygen Grab	1428C_02	From Taylor Lane upstream to Old Highway 20	10	10	0	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	1428C_03	From Old Highway 20 to Cameron Road	10	10	0	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	1428C_04	From Cameron Road to the spring source	29	29	0	5.00	AD	NC	NC		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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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:** 1428C      **Gilleland Creek (unclassified water body)**

**Water body type:** Freshwater Stream

**Water body size:** 24 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2008	Ammonia	1428C_01	From the Colorado River upstream to Taylor Lane	39	39	0	0.33	AD	NC	NC		No
2008	Ammonia	1428C_02	From Taylor Lane upstream to Old Highway 20	8	8	0	0.33	ID	NA	NA		No
2008	Ammonia	1428C_03	From Old Highway 20 to Cameron Road	8	8	1	0.33	TR	NA	NA		No
2008	Ammonia	1428C_04	From Cameron Road to the spring source	4	4	0	0.33	LD	NC	NC		No
2008	Chlorophyll-a	1428C_01	From the Colorado River upstream to Taylor Lane	35	35	2	14.10	AD	NC	NC		No
2008	Chlorophyll-a	1428C_02	From Taylor Lane upstream to Old Highway 20	4	4	0	14.10	ID	NA	NA		No
2008	Chlorophyll-a	1428C_04	From Cameron Road to the spring source	4	4	0	0.33	LD	NC	NC		No
2008	Nitrate	1428C_01	From the Colorado River upstream to Taylor Lane	36	36	30	1.95	AD	CS	CS		No
2008	Nitrate	1428C_02	From Taylor Lane upstream to Old Highway 20	4	4	3	1.95	JQ	CS	CS		No
2008	Orthophosphorus	1428C_01	From the Colorado River upstream to Taylor Lane	37	37	19	0.37	AD	CS	CS		No
2008	Orthophosphorus	1428C_02	From Taylor Lane upstream to Old Highway 20	4	4	1	0.37	ID	NA	NA		No
2008	Total Phosphorus	1428C_01	From the Colorado River upstream to Taylor Lane	37	37	9	0.69	AD	NC	NC		No
2008	Total Phosphorus	1428C_02	From Taylor Lane upstream to Old Highway 20	4	4	0	0.69	ID	NA	NA		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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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:** 1428C      **Gilleland Creek (unclassified water body)**

**Water body type:** Freshwater Stream

**Water body size:** 24 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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### Recreation Use

#### Bacteria Geomean

2008	E. coli	1428C_01	From the Colorado River upstream to Taylor Lane	41	41	1	166.35	126.00	AD	NS	NS	5a	No
2008	E. coli	1428C_02	From Taylor Lane upstream to Old Highway 20	9	9	1	147.32	126.00	LD	CN	CN		No
2008	E. coli	1428C_03	From Old Highway 20 to Cameron Road	8	8	1	175.55	126.00	LD	CN	CN		No
2008	E. coli	1428C_04	From Cameron Road to the spring source	4	4	1	135.20	126.00	LD	CN	CN		No
2008	Fecal coliform	1428C_01	From the Colorado River upstream to Taylor Lane	11	11	1	351.52	200.00	SM	NS	NS		No

#### Bacteria Single Sample

2008	E. coli	1428C_01	From the Colorado River upstream to Taylor Lane	41	41	7		394.00	AD	FS	FS		No
2008	E. coli	1428C_02	From Taylor Lane upstream to Old Highway 20	9	9	2		394.00	LD	NC	NC		No
2008	E. coli	1428C_03	From Old Highway 20 to Cameron Road	8	8	1		394.00	LD	NC	NC		No
2008	E. coli	1428C_04	From Cameron Road to the spring source	4	4	1		394.00	LD	NC	NC		No
2008	Fecal coliform	1428C_01	From the Colorado River upstream to Taylor Lane	11	11	4		400.00	SM	CN	CN		No



## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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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- Superseded by another method;  
 JQ- Assessor Judgement; OE- Other Information Evaluated; OS- Out-of-State; AU ID - Assessment Unit ID \*Note: Carry-forward refers to impairments without sufficient information in 2008 to re-evaluate the level of support.

**Segment ID: 1428D Little Walnut Creek (unclassified water body)**

**Water body type:** Freshwater Stream

**Water body size:** 6 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Aquatic Life Use</b>												
<b>Dissolved Oxygen grab minimum</b>												
2006	Dissolved Oxygen Grab	1428D_01 Entire water body	4	4	0		3.00	TR	NA	NA		No
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	1428D_01 Entire water body	4	4	0		5.00	TR	NA	NA		No
<b>Toxic Substances in sediment</b>												
2006	Metals	1428D_01 Entire water body	1	1	0			ID	NA	NA		No
2006	Organics	1428D_01 Entire water body	1	1	0			ID	NA	NA		No
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2006	Ammonia	1428D_01 Entire water body	2	2	0		0.33	ID	NA	NA		No
2006	Nitrate	1428D_01 Entire water body	2	2	0		1.95	ID	NA	NA		No
2006	Orthophosphorus	1428D_01 Entire water body	2	2	0		0.37	ID	NA	NA		No
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2006	Fecal coliform	1428D_01 Entire water body	2	2			200.00	ID	NA	NA		No
<b>Bacteria Single Sample</b>												
2006	Fecal coliform	1428D_01 Entire water body	2	2	1		400.00	ID	NA	NA		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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 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:** 1428E **Fort Branch Creek (unclassified water body)**

**Water body type:** Freshwater Stream

**Water body size:** 2 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Aquatic Life Use</b>												
<b>Dissolved Oxygen grab minimum</b>												
2006	Dissolved Oxygen Grab	1428E_01 Entire water body	6	6	0		2.00	TR	NA	NA		No
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	1428E_01 Entire water body	6	6	0		3.00	TR	NA	NA		No
<b>Toxic Substances in sediment</b>												
2006	Metals	1428E_01 Entire water body	1	1	0			ID	NA	NA		No
2006	Organics	1428E_01 Entire water body	1	1	0			ID	NA	NA		No
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2006	Ammonia	1428E_01 Entire water body	1	1	0		0.33	ID	NA	NA		No
2006	Nitrate	1428E_01 Entire water body	1	1	0		1.95	ID	NA	NA		No
2006	Orthophosphorus	1428E_01 Entire water body	1	1	0		0.37	ID	NA	NA		No
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2006	Fecal coliform	1428E_01 Entire water body	1	1		400.00	200.00	ID	NA	NA		No
<b>Bacteria Single Sample</b>												
2006	Fecal coliform	1428E_01 Entire water body	1	1	0		400.00	ID	NA	NA		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- Inadequate Data; LD- Limited Data; TR- Not Temporally Representative; SR- Not Spatially Representative; SM- Superseded by another method;  
 JQ- Assessor Judgement; OE- Other Information Evaluated; OS- Out-of-State; AU ID - Assessment Unit ID \*Note: Carry-forward refers to impairments without sufficient information in 2008 to re-evaluate the level of support.

**Segment ID:** 1428F **Tannehill Branch Creek (unclassified water body)**

**Water body type:** Freshwater Stream

**Water body size:** 4 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Aquatic Life Use</b>												
<b>Dissolved Oxygen grab minimum</b>												
2006	Dissolved Oxygen Grab	1428F_01 Entire water body	4	4	0		2.00	TR	NA	NA		No
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	1428F_01 Entire water body	4	4	0		3.00	TR	NA	NA		No
<b>Toxic Substances in sediment</b>												
2006	Metals	1428F_01 Entire water body	1	1	0			ID	NA	NA		No
2006	Organics	1428F_01 Entire water body	39	39	0		1.00	AD	NC	NC		No
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2006	Fecal coliform	1428F_01 Entire water body	1	1		940.00	200.00	ID	NA	NA		No
<b>Bacteria Single Sample</b>												
2006	Fecal coliform	1428F_01 Entire water body	1	1	1		400.00	ID	NA	NA		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- 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: 1428I Decker Creek (unclassified water body)

Water body type: Freshwater Stream Water body size: 6 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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Aquatic Life Use

Dissolved Oxygen grab minimum

2006	Dissolved Oxygen Grab	1428I_01	Entire water body	2	2	0	1.50	ID	NA	NA		No
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Dissolved Oxygen grab screening level

2006	Dissolved Oxygen Grab	1428I_01	Entire water body	2	2	0	2.00	ID	NA	NA		No
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2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

2008 Supp (level of support) and Integ Supp (integrated 303(d) level of support) identifiers: FS- Fully Supporting; CN- Concern for Near non-attainment; CS- Concern for Screening level; NS- Non-Supporting; NA- Not assessed; NC- No concern; Dataset Qualifiers: AD- Adequate Data; ID- Inadequate Data; LD- Limited Data; TR- Not Temporally Representative; SR- Not Spatially Representative; SM- 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: 1428J Harris Branch (unclassified water body)

Water body type: Freshwater Stream Water body size: 5 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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Aquatic Life Use

Dissolved Oxygen grab minimum

2006	Dissolved Oxygen Grab	1428J_01	Entire water body	3	3	0	3.00	TR	NA	NA		No
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Dissolved Oxygen grab screening level

2006	Dissolved Oxygen Grab	1428J_01	Entire water body	3	3	0	5.00	TR	NA	NA		No
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## 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;  
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**Segment ID:** 1429      **Town Lake**

**Water body type:** Reservoir

**Water body size:** 500 Acres

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Aquatic Life Use</b>												
<b>Acute Toxic Substances in water</b>												
2006	Copper	1429_01	Longhorn Dam upstream to Lamar Street bridge	10	10	0	35.24	AD	FS	FS		No
2006	Copper	1429_02	From Lamar Street bridge upstream to Tom Miller Dam	10	10	0	35.24	AD	FS	FS		No
2006	Lead	1429_01	Longhorn Dam upstream to Lamar Street bridge	3	3	0	174.29	ID	NA	NA		No
2006	Lead	1429_02	From Lamar Street bridge upstream to Tom Miller Dam	3	3	0	174.29	ID	NA	NA		No
<b>Chronic Toxic Substances in water</b>												
2006	Copper	1429_01	Longhorn Dam upstream to Lamar Street bridge	10	10		3.05	AD	FS	FS		No
2006	Copper	1429_02	From Lamar Street bridge upstream to Tom Miller Dam	10	10		2.68	AD	FS	FS		No
2006	Lead	1429_01	Longhorn Dam upstream to Lamar Street bridge	3	3		0.50	ID	NA	NA		No
2006	Lead	1429_02	From Lamar Street bridge upstream to Tom Miller Dam	3	3		0.50	ID	NA	NA		No
<b>Dissolved Oxygen grab minimum</b>												
2008	Dissolved Oxygen Grab	1429_01	Longhorn Dam upstream to Lamar Street bridge	483	147	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	1429_02	From Lamar Street bridge upstream to Tom Miller Dam	328	102	0	3.00	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2008	Dissolved Oxygen Grab	1429_01	Longhorn Dam upstream to Lamar Street bridge	483	147	1	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	1429_02	From Lamar Street bridge upstream to Tom Miller Dam	328	102	1	5.00	AD	NC	NC		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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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:** 1429      **Town Lake**

**Water body type:** Reservoir

**Water body size:** 500 Acres

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Aquatic Life Use</b>												
<b>Toxic Substances in sediment</b>												
2008	Dibenz(a,h)anthracene	1429_01	Longhorn Dam upstream to Lamar Street bridge	5	5	1	140.00	LD	NC	NC		No
2008	Metals	1429_01	Longhorn Dam upstream to Lamar Street bridge	9	9	0		LD	NC	NC		No
2008	Metals	1429_02	From Lamar Street bridge upstream to Tom Miller Dam	3	3	0		ID	NA	NA		No
2008	Organics	1429_01	Longhorn Dam upstream to Lamar Street bridge	5	5	0		LD	NC	NC		No
2008	Organics	1429_02	From Lamar Street bridge upstream to Tom Miller Dam	2	2	0		ID	NA	NA		No
2008	Pyrene	1429_01	Longhorn Dam upstream to Lamar Street bridge	5	5	1	1,520.00	LD	NC	NC		No
<b>Fish Consumption Use</b>												
<b>DSHS Advisories, Closures, and Risk Assessments</b>												
2008	Risk Assess.- No Advisory	1429_01	Longhorn Dam upstream to Lamar Street bridge					OE	FS	FS		No
2008	Risk Assess.- No Advisory	1429_02	From Lamar Street bridge upstream to Tom Miller Dam					OE	FS	FS		No
<b>HH Bioaccumulative Toxics in water</b>												
2006	Lead	1429_01	Longhorn Dam upstream to Lamar Street bridge	6	6		1.13	4.98	TR	NA	NA	No
2006	Lead	1429_02	From Lamar Street bridge upstream to Tom Miller Dam	6	6		0.51	4.98	TR	NA	NA	No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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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:** 1429      **Town Lake**

**Water body type:** Reservoir

**Water body size:** 500 Acres

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>General Use</b>												
<b>Dissolved Solids</b>												
2008	Chloride	1429_01	Longhorn Dam upstream to Lamar Street bridge	101	101		30.10	75.00	AD	FS	FS	No
2008	Chloride	1429_02	From Lamar Street bridge upstream to Tom Miller Dam	101	101		30.10	75.00	AD	FS	FS	No
2008	Sulfate	1429_01	Longhorn Dam upstream to Lamar Street bridge	135	135		25.09	75.00	AD	FS	FS	No
2008	Sulfate	1429_02	From Lamar Street bridge upstream to Tom Miller Dam	135	135		25.09	75.00	AD	FS	FS	No
2008	Total Dissolved Solids	1429_01	Longhorn Dam upstream to Lamar Street bridge	249	249		305.75	400.00	AD	FS	FS	No
2008	Total Dissolved Solids	1429_02	From Lamar Street bridge upstream to Tom Miller Dam	249	249		305.75	400.00	AD	FS	FS	No
<b>High pH</b>												
2008	pH	1429_01	Longhorn Dam upstream to Lamar Street bridge	483	147	0		9.00	AD	FS	FS	No
2008	pH	1429_02	From Lamar Street bridge upstream to Tom Miller Dam	328	102	0		9.00	AD	FS	FS	No
<b>Low pH</b>												
2008	pH	1429_01	Longhorn Dam upstream to Lamar Street bridge	483	147	0		6.50	AD	FS	FS	No
2008	pH	1429_02	From Lamar Street bridge upstream to Tom Miller Dam	328	102	0		6.50	AD	FS	FS	No



## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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**Segment ID:** 1429      **Town Lake**

**Water body type:** Reservoir

**Water body size:** 500 Acres

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2008	Ammonia	1429_01	Longhorn Dam upstream to Lamar Street bridge	153	153	5	0.11	AD	NC	NC		No
2008	Ammonia	1429_02	From Lamar Street bridge upstream to Tom Miller Dam	112	112	1	0.11	AD	NC	NC		No
2008	Chlorophyll-a	1429_01	Longhorn Dam upstream to Lamar Street bridge	115	115	15	26.70	AD	NC	NC		No
2008	Chlorophyll-a	1429_02	From Lamar Street bridge upstream to Tom Miller Dam	76	76	2	26.70	AD	NC	NC		No
2008	Nitrate	1429_01	Longhorn Dam upstream to Lamar Street bridge	155	155	41	0.37	AD	CS	CS		No
2008	Nitrate	1429_02	From Lamar Street bridge upstream to Tom Miller Dam	114	114	19	0.37	AD	NC	NC		No
2008	Orthophosphorus	1429_01	Longhorn Dam upstream to Lamar Street bridge	158	158	4	0.05	AD	NC	NC		No
2008	Orthophosphorus	1429_02	From Lamar Street bridge upstream to Tom Miller Dam	109	109	0	0.05	AD	NC	NC		No
2008	Total Phosphorus	1429_01	Longhorn Dam upstream to Lamar Street bridge	146	146	1	0.20	AD	NC	NC		No
2008	Total Phosphorus	1429_02	From Lamar Street bridge upstream to Tom Miller Dam	107	107	0	0.20	AD	NC	NC		No
<b>Water Temperature</b>												
2008	Temperature	1429_01	Longhorn Dam upstream to Lamar Street bridge	483	147	0	32.20	AD	FS	FS		No
2008	Temperature	1429_02	From Lamar Street bridge upstream to Tom Miller Dam	328	102	0	32.20	AD	FS	FS		No

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**Segment ID:** 1429      **Town Lake**

**Water body type:** Reservoir

**Water body size:** 500 Acres

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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### Public Water Supply Use

#### **Finished Drinking Water Dissolved Solids average**

2008	Multiple	1429_01	Longhorn Dam upstream to Lamar Street bridge					OE	NC	NC		No
2008	Multiple	1429_02	From Lamar Street bridge upstream to Tom Miller Dam					OE	NC	NC		No

#### **Finished Drinking Water MCLs and Toxic Substances running average**

2008	Multiple	1429_01	Longhorn Dam upstream to Lamar Street bridge					OE	FS	FS		No
2008	Multiple	1429_02	From Lamar Street bridge upstream to Tom Miller Dam					OE	FS	FS		No

#### **Finished Drinking Water MCLs Concern**

2008	Multiple	1429_01	Longhorn Dam upstream to Lamar Street bridge					OE	NC	NC		No
2008	Multiple	1429_02	From Lamar Street bridge upstream to Tom Miller Dam					OE	NC	NC		No

#### **Surface Water HH criteria for PWS average**

2006	Fluoride	1429_01	Longhorn Dam upstream to Lamar Street bridge	2	2	0.14	4,000.00	ID	NA	NA		No
2006	Fluoride	1429_02	From Lamar Street bridge upstream to Tom Miller Dam	2	2	0.15	4,000.00	ID	NA	NA		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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**Segment ID:** 1429      **Town Lake**

**Water body type:** Reservoir

**Water body size:** 500 Acres

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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### Recreation Use

#### **Bacteria Geomean**

2008	E. coli	1429_01	Longhorn Dam upstream to Lamar Street bridge	67	67	0	49.42	126.00	AD	FS	FS	No
2008	E. coli	1429_02	From Lamar Street bridge upstream to Tom Miller Dam	42	42	0	7.91	126.00	AD	FS	FS	No
2008	Fecal coliform	1429_01	Longhorn Dam upstream to Lamar Street bridge	64	64	0	116.28	200.00	SM	FS	FS	No
2008	Fecal coliform	1429_02	From Lamar Street bridge upstream to Tom Miller Dam	48	48	0	17.89	200.00	SM	FS	FS	No

#### **Bacteria Single Sample**

2008	E. coli	1429_01	Longhorn Dam upstream to Lamar Street bridge	67	67	4		394.00	AD	FS	FS	No
2008	E. coli	1429_02	From Lamar Street bridge upstream to Tom Miller Dam	42	42	1		394.00	AD	FS	FS	No
2008	Fecal coliform	1429_01	Longhorn Dam upstream to Lamar Street bridge	64	64	9		400.00	SM	FS	FS	No
2008	Fecal coliform	1429_02	From Lamar Street bridge upstream to Tom Miller Dam	48	48	5		400.00	SM	FS	FS	No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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**Segment ID:** 1429A **Shoal Creek (unclassified water body)**

**Water body type:** Freshwater Stream

**Water body size:** 10 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Aquatic Life Use</b>												
<b>Dissolved Oxygen grab minimum</b>												
2006	Dissolved Oxygen Grab	1429A_01 Entire water body	5	5	0		1.50	TR	NA	NA		No
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	1429A_01 Entire water body	5	5	0		2.00	TR	NA	NA		No
<b>Toxic Substances in sediment</b>												
2006	Metals	1429A_01 Entire water body	1	1	0			ID	NA	NA		No
2006	Organics	1429A_01 Entire water body	1	1	0			ID	NA	NA		No
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2006	Ammonia	1429A_01 Entire water body	4	4	0		0.33	TR	NA	NA		No
2006	Chlorophyll-a	1429A_01 Entire water body	0	0			14.10	ID	NA	NA		No
2006	Nitrate	1429A_01 Entire water body	4	4	0		1.95	TR	NA	NA		No
2006	Orthophosphorus	1429A_01 Entire water body	4	4	0		0.37	TR	NA	NA		No
2006	Total Phosphorus	1429A_01 Entire water body	0	0			0.69	ID	NA	NA		No
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2006	E. coli	1429A_01 Entire water body	7	7		4,281.00	126.00	TR	NA	NA		No
2006	Fecal coliform	1429A_01 Entire water body	11	11		2,628.00	200.00	TR	NA	NA		No
<b>Bacteria Single Sample</b>												
2006	E. coli	1429A_01 Entire water body	7	7	7		394.00	TR	NA	NA		No
2006	Fecal coliform	1429A_01 Entire water body	11	11	11		400.00	TR	NA	NA		No

2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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Segment ID: 1429B Eanes Creek (unclassified water body)

Water body type: Freshwater Stream Water body size: 6 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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Aquatic Life Use

Dissolved Oxygen grab minimum

2006	Dissolved Oxygen Grab	1429B_01	Entire water body	31	31	0	1.50	AD	FS	FS		No
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Dissolved Oxygen grab screening level

2006	Dissolved Oxygen Grab	1429B_01	Entire water body	31	31	0	2.00	AD	NC	NC		No
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Recreation Use

Bacteria Geomean

2008	Fecal coliform	1429B_01	Entire water body	0	0		200.00	ID	NA	NS	5c	Yes
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Bacteria Single Sample

2008	Fecal coliform	1429B_01	Entire water body	0	0		400.00	ID	NA	NA		No
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## 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;  
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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:** 1429C **Waller Creek (unclassified water body)**

**Water body type:** Freshwater Stream

**Water body size:** 5 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Aquatic Life Use</b>												
<b>Dissolved Oxygen grab minimum</b>												
2006	Dissolved Oxygen Grab	1429C_01	From the confluence with Town Lake to East MLK Blvd.	10	10	0	3.00	AD	FS	FS		No
2006	Dissolved Oxygen Grab	1429C_02	From East MLK Blvd. to East 41st Street	10	10	0	2.00	AD	FS	FS		No
2006	Dissolved Oxygen Grab	1429C_03	Upper portion of creek	15	15	0	2.00	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	1429C_01	From the confluence with Town Lake to East MLK Blvd.	10	10	1	5.00	AD	NC	NC		No
2006	Dissolved Oxygen Grab	1429C_02	From East MLK Blvd. to East 41st Street	10	10	0	3.00	AD	NC	NC		No
2006	Dissolved Oxygen Grab	1429C_03	Upper portion of creek	15	15	0	3.00	AD	NC	NC		No
<b>Macrobenthic Community</b>												
2006	Macrobenthic Community	1429C_01	From the confluence with Town Lake to East MLK Blvd.					ID	NA	NS	5c	Yes

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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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- Superseded by another method;  
 JQ- Assessor Judgement; OE- Other Information Evaluated; OS- Out-of-State; AU ID - Assessment Unit ID \*Note: Carry-forward refers to impairments without sufficient information in 2008 to re-evaluate the level of support.

**Segment ID:** 1429C **Waller Creek (unclassified water body)**

**Water body type:** Freshwater Stream

**Water body size:** 5 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Aquatic Life Use</b>												
<b>Toxic Substances in sediment</b>												
2006	Benz(a)anthracene	1429C_02	From East MLK Blvd. to East 41st Street	2	2	1	1,050.00	ID	NA	CS		Yes
2006	Benzo(a)pyrene	1429C_02	From East MLK Blvd. to East 41st Street	2	2	1	1,450.00	ID	NA	CS		Yes
2006	Chromium	1429C_02	From East MLK Blvd. to East 41st Street	1	1	1	111.00	ID	NA	NA		No
2006	Chrysene	1429C_02	From East MLK Blvd. to East 41st Street	2	2	1	1,290.00	ID	NA	CS		Yes
2006	Dibenz(a,h)anthracene	1429C_01	From the confluence with Town Lake to East MLK Blvd.	2	2	1	140.00	ID	NA	NA		No
2006	Dibenz(a,h)anthracene	1429C_02	From East MLK Blvd. to East 41st Street	2	2	1	140.00	ID	NA	CS		Yes
2006	Fluoranthene	1429C_01	From the confluence with Town Lake to East MLK Blvd.	2	2	1	2,230.00	ID	NA	NA		No
2006	Fluoranthene	1429C_02	From East MLK Blvd. to East 41st Street	2	2	1	2,230.00	ID	NA	CS		Yes
2006	Lead	1429C_02	From East MLK Blvd. to East 41st Street	1	1	1	128.00	ID	NA	CS		Yes
2006	Metals	1429C_01	From the confluence with Town Lake to East MLK Blvd.	1	1	0		ID	NA	NA		No
2006	Metals	1429C_02	From East MLK Blvd. to East 41st Street	1	1	0		ID	NA	NA		No
2006	Organics	1429C_01	From the confluence with Town Lake to East MLK Blvd.	2	2	0		ID	NA	NA		No
2006	Organics	1429C_02	From East MLK Blvd. to East 41st Street	3	3	0		ID	NA	NA		No
2006	Phenanthrene	1429C_02	From East MLK Blvd. to East 41st Street	2	2	1	1,170.00	ID	NA	CS		Yes
2006	Pyrene	1429C_01	From the confluence with Town Lake to East MLK Blvd.	2	2	1	1,520.00	ID	NA	NA		No
2006	Pyrene	1429C_02	From East MLK Blvd. to East 41st Street	2	2	1	1,520.00	ID	NA	CS		Yes

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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**Segment ID:** 1429C **Waller Creek (unclassified water body)**

**Water body type:** Freshwater Stream

**Water body size:** 5 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2006	Ammonia	1429C_01	From the confluence with Town Lake to East MLK Blvd.	10	10	0	0.33	AD	NC	NC		No
2006	Ammonia	1429C_02	From East MLK Blvd. to East 41st Street	10	10	0	0.33	AD	NC	NC		No
2006	Ammonia	1429C_03	Upper portion of creek	17	17	2	0.33	AD	NC	NC		No
2006	Chlorophyll-a	1429C_01	From the confluence with Town Lake to East MLK Blvd.	3	3	0	14.10	ID	NA	NA		No
2006	Chlorophyll-a	1429C_02	From East MLK Blvd. to East 41st Street	8	8	0	14.10	LD	NC	NC		No
2006	Chlorophyll-a	1429C_03	Upper portion of creek	3	3	1	14.10	ID	NA	NA		No
2006	Nitrate	1429C_01	From the confluence with Town Lake to East MLK Blvd.	10	10	0	1.95	AD	NC	NC		No
2006	Nitrate	1429C_02	From East MLK Blvd. to East 41st Street	10	10	0	1.95	AD	NC	NC		No
2006	Nitrate	1429C_03	Upper portion of creek	13	13	0	1.95	AD	NC	NC		No
2006	Orthophosphorus	1429C_01	From the confluence with Town Lake to East MLK Blvd.	10	10	1	0.37	AD	NC	NC		No
2006	Orthophosphorus	1429C_02	From East MLK Blvd. to East 41st Street	10	10	0	0.37	AD	NC	NC		No
2006	Orthophosphorus	1429C_03	Upper portion of creek	15	15	0	0.37	AD	NC	NC		No
2006	Total Phosphorus	1429C_01	From the confluence with Town Lake to East MLK Blvd.	10	10	0	0.69	AD	NC	NC		No
2006	Total Phosphorus	1429C_02	From East MLK Blvd. to East 41st Street	8	8	0	0.69	LD	NC	NC		No
2006	Total Phosphorus	1429C_03	Upper portion of creek	11	11	0	0.69	AD	NC	NC		No



## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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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- Superseded by another method;  
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**Segment ID:** 1429C **Waller Creek (unclassified water body)**

**Water body type:** Freshwater Stream

**Water body size:** 5 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry- Forward</u>
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2006	E. coli	1429C_01	From the confluence with Town Lake to East MLK Blvd.	3	3		625.00	126.00	ID	NA	NA	No
2006	E. coli	1429C_02	From East MLK Blvd. to East 41st Street	3	3		599.00	126.00	ID	NA	NA	No
2006	E. coli	1429C_03	Upper portion of creek	3	3		287.00	126.00	ID	NA	NA	No
2006	Fecal coliform	1429C_01	From the confluence with Town Lake to East MLK Blvd.	8	8		1,384.00	200.00	LD	CN	CN	No
2006	Fecal coliform	1429C_02	From East MLK Blvd. to East 41st Street	5	4		2,029.00	200.00	LD	CN	CN	No
2006	Fecal coliform	1429C_03	Upper portion of creek	11	11		286.00	200.00	AD	NS	NS	5c No
<b>Bacteria Single Sample</b>												
2006	E. coli	1429C_01	From the confluence with Town Lake to East MLK Blvd.	3	3	1		394.00	ID	NA	NA	No
2006	E. coli	1429C_02	From East MLK Blvd. to East 41st Street	3	3	2		394.00	ID	NA	NA	No
2006	E. coli	1429C_03	Upper portion of creek	3	3	1		394.00	ID	NA	NA	No
2006	Fecal coliform	1429C_01	From the confluence with Town Lake to East MLK Blvd.	8	8	7		400.00	LD	NS	NS	5c No
2006	Fecal coliform	1429C_02	From East MLK Blvd. to East 41st Street	5	4	4		400.00	LD	CN	CN	No
2006	Fecal coliform	1429C_03	Upper portion of creek	11	11	7		400.00	AD	NS	NS	5c No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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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- Superseded by another method;  
 JQ- Assessor Judgement; OE- Other Information Evaluated; OS- Out-of-State; AU ID - Assessment Unit ID \*Note: Carry-forward refers to impairments without sufficient information in 2008 to re-evaluate the level of support.

**Segment ID:** 1429D      **East Bouldin Creek (unclassified water body)**

**Water body type:** Freshwater Stream

**Water body size:** 4 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Aquatic Life Use</b>												
<b>Dissolved Oxygen grab minimum</b>												
2006	Dissolved Oxygen Grab	1429D_01 Entire water body	7	7	0		2.00	TR	NA	NA		No
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	1429D_01 Entire water body	7	7	0		3.00	TR	NA	NA		No
<b>Toxic Substances in sediment</b>												
2006	Benz(a)anthracene	1429D_01 Entire water body	1	1	0		1,050.00	ID	NA	CS		Yes
2006	Cadmium	1429D_01 Entire water body	1	1	0		4.98	ID	NA	CS		Yes
2006	Chrysene	1429D_01 Entire water body	1	1	0		1,290.00	ID	NA	CS		Yes
2006	Dibenz(a,h)anthracene	1429D_01 Entire water body	1	1	0		140.00	ID	NA	CS		Yes
2006	Fluoranthene	1429D_01 Entire water body	1	1	0		2,230.00	ID	NA	CS		Yes
2006	Lead	1429D_01 Entire water body	1	1	0		128.00	ID	NA	CS		Yes
2006	Metals	1429D_01 Entire water body	1	1	0			ID	NA	NA		No
2006	Organics	1429D_01 Entire water body	1	1	0			ID	NA	NA		No
2006	Phenanthrene	1429D_01 Entire water body	1	1	0		1,170.00	ID	NA	CS		Yes
2006	Pyrene	1429D_01 Entire water body	1	1	0		1,170.00	ID	NA	CS		Yes
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2006	Ammonia	1429D_01 Entire water body	7	7	0		0.33	TR	NA	NA		No
2006	Nitrate	1429D_01 Entire water body	7	7	4		1.95	TR	NA	NA		No
2006	Orthophosphorus	1429D_01 Entire water body	7	7	0		0.37	TR	NA	NA		No
2006	Total Phosphorus	1429D_01 Entire water body	1	1	0		0.69	TR	NA	NA		No
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2006	Fecal coliform	1429D_01 Entire water body	6	6		304.00	200.00	TR	NA	NA		No
<b>Bacteria Single Sample</b>												
2006	Fecal coliform	1429D_01 Entire water body	6	6	4		400.00	TR	NA	NA		No

2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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Segment ID: 1429E West Bouldin Creek (unclassified water body)

Water body type: Freshwater Stream Water body size: 3 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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Aquatic Life Use

Dissolved Oxygen grab minimum

2006	Dissolved Oxygen Grab	1429E_01	Entire water body	3	3	0	1.50	TR	NA	NA		No
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Dissolved Oxygen grab screening level

2006	Dissolved Oxygen Grab	1429E_01	Entire water body	3	3	0	2.00	TR	NA	NA		No
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Toxic Substances in sediment

2006	Metals	1429E_01	Entire water body	1	1	0		ID	NA	NA		No
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2006	Organics	1429E_01	Entire water body	1	1	0		ID	NA	NA		No
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## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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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: 1429F Blunn Creek (unclassified water body)

**Water body type:** Freshwater Stream

**Water body size:** 3 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Aquatic Life Use</b>												
<b>Dissolved Oxygen grab minimum</b>												
2006	Dissolved Oxygen Grab	1429F_01	From the confluence with Town Lake upstream to East Mary Street	2	2	0	2.00	ID	NA	NA		No
2006	Dissolved Oxygen Grab	1429F_02	From East Mary Street to SH 71	3	3	0	1.50	ID	NA	NA		No
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	1429F_01	From the confluence with Town Lake upstream to East Mary Street	2	2	0	3.00	ID	NA	NA		No
2006	Dissolved Oxygen Grab	1429F_02	From East Mary Street to SH 71	3	3	0	2.00	ID	NA	NA		No
<b>Toxic Substances in sediment</b>												
2006	Metals	1429F_01	From the confluence with Town Lake upstream to East Mary Street	1	1	0		ID	NA	NA		No
2006	Organics	1429F_01	From the confluence with Town Lake upstream to East Mary Street	1	1	0		ID	NA	NA		No
2006	Pyrene	1429F_01	From the confluence with Town Lake upstream to East Mary Street	1	1	1	1,520.00	ID	NA	NA		No
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2006	Ammonia	1429F_01	From the confluence with Town Lake upstream to East Mary Street	3	3	0	0.33	ID	NA	NA		No
2006	Ammonia	1429F_02	From East Mary Street to SH 71	7	7	0	0.33	TR	NA	NA		No
2006	Nitrate	1429F_01	From the confluence with Town Lake upstream to East Mary Street	3	3	0	1.95	ID	NA	NA		No
2006	Nitrate	1429F_02	From East Mary Street to SH 71	6	6	0	1.95	TR	NA	NA		No
2006	Orthophosphorus	1429F_01	From the confluence with Town Lake upstream to East Mary Street	3	3	0	0.37	ID	NA	NA		No
2006	Orthophosphorus	1429F_02	From East Mary Street to SH 71	7	7	0	0.37	TR	NA	NA		No
2006	Total Phosphorus	1429F_01	From the confluence with Town Lake upstream to East Mary Street	1	1	0	0.69	ID	NA	NA		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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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:** 1429F      **Blunn Creek (unclassified water body)**

**Water body type:** Freshwater Stream

**Water body size:** 3 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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### Recreation Use

#### **Bacteria Geomean**

2006	Fecal coliform	1429F_01	From the confluence with Town Lake upstream to East Mary Street	2	2		2,808.00	200.00	ID	NA	NA	No
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2006	Fecal coliform	1429F_02	From East Mary Street to SH 71	6	6		143.00	200.00	TR	NA	NA	No
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#### **Bacteria Single Sample**

2006	Fecal coliform	1429F_01	From the confluence with Town Lake upstream to East Mary Street	2	2	2		400.00	ID	NA	NA	No
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2006	Fecal coliform	1429F_02	From East Mary Street to SH 71	6	6	2		400.00	TR	NA	NA	No
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## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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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:** 1429G **Harper's Branch (unclassified water body)**

**Water body type:** Freshwater Stream

**Water body size:** 1 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Aquatic Life Use</b>												
<b>Dissolved Oxygen grab minimum</b>												
2006	Dissolved Oxygen Grab	1429G_01 Entire water body	4	4	0		1.50	TR	NA	NA		No
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	1429G_01 Entire water body	4	4	0		2.00	TR	NA	NA		No
<b>Toxic Substances in sediment</b>												
2006	Benz(a)anthracene	1429G_01 Entire water body	1	1	1		1,050.00	ID	NA	NA		No
2006	Benzo(a)pyrene	1429G_01 Entire water body	1	1	1		1,450.00	ID	NA	NA		No
2006	Chrysene	1429G_01 Entire water body	1	1	1		1,290.00	ID	NA	NA		No
2006	Dibenz(a,h)anthracene	1429G_01 Entire water body	1	1	1		140.00	ID	NA	NA		No
2006	Fluoranthene	1429G_01 Entire water body	1	1	1		2,230.00	ID	NA	NA		No
2006	Metals	1429G_01 Entire water body	1	1	0			ID	NA	NA		No
2006	Organics	1429G_01 Entire water body	1	1	0			ID	NA	NA		No
2006	Phenanthrene	1429G_01 Entire water body	1	1	1		1,170.00	ID	NA	NA		No
2006	Pyrene	1429G_01 Entire water body	1	1	1		1,520.00	ID	NA	NA		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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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: 1430 Barton Creek**

**Water body type:** Freshwater Stream

**Water body size:** 38 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Aquatic Life Use</b>												
<b>Acute Toxic Substances in water</b>												
2006	Metals	1430_02	From Barton Springs Pool upstream dam to a point 2 miles upstream of Loop 1	3	3	0		TR	NA	NA		No
2006	Metals	1430_03	From a point 2 miles upstream of Loop 1 to SH 71	1	1	0		ID	NA	NA		No
<b>Chronic Toxic Substances in water</b>												
2006	Metals	1430_02	From Barton Springs Pool upstream dam to a point 2 miles upstream of Loop 1	3	3			TR	NA	NA		No
2006	Metals	1430_03	From a point 2 miles upstream of Loop 1 to SH 71	1	1			ID	NA	NA		No
<b>Chronic Toxicity tests in whole sediment</b>												
2008	Sediment Chronic Toxicity	1430_01	From confluence with Town Lake to downstream dam of Barton Springs Pool	2	2	0		ID				No
2008	Sediment Chronic Toxicity	1430_02	From Barton Springs Pool upstream dam to a point 2 miles upstream of Loop 1	6	6	2		LD				No
2008	Sediment Chronic Toxicity	1430_03	From a point 2 miles upstream of Loop 1 to SH 71	2	2	0		ID				No
2008	Sediment Chronic Toxicity	1430_04	SH 71 upstream to Hays County Line	0	0			ID				No
2008	Sediment Chronic Toxicity	1430_05	Hays County Line upstream to FM 12	0	0	0		ID				No
<b>Dissolved Oxygen grab minimum</b>												
2008	Dissolved Oxygen Grab	1430_01	From confluence with Town Lake to downstream dam of Barton Springs Pool	23	23	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	1430_02	From Barton Springs Pool upstream dam to a point 2 miles upstream of Loop 1	65	65	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	1430_03	From a point 2 miles upstream of Loop 1 to SH 71	138	138	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	1430_04	SH 71 upstream to Hays County Line	41	41	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	1430_05	Hays County Line upstream to FM 12	21	21	0	3.00	AD	FS	FS		No

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**Segment ID:** 1430      **Barton Creek**

**Water body type:** Freshwater Stream

**Water body size:** 38 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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### Aquatic Life Use

#### **Dissolved Oxygen grab screening level**

2008	Dissolved Oxygen Grab	1430_01	From confluence with Town Lake to downstream dam of Barton Springs Pool	23	23	0	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	1430_02	From Barton Springs Pool upstream dam to a point 2 miles upstream of Loop 1	65	65	0	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	1430_03	From a point 2 miles upstream of Loop 1 to SH 71	138	138	6	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	1430_04	SH 71 upstream to Hays County Line	41	41	8	5.00	AD	CS	CS		No
2008	Dissolved Oxygen Grab	1430_05	Hays County Line upstream to FM 12	21	21	0	5.00	AD	NC	NC		No

#### **LOE Toxic Sediment condition**

2008	Sediment Toxicity (LOE)	1430_02	From Barton Springs Pool upstream dam to a point 2 miles upstream of Loop 1					JQ	CN	CN		No
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<b>Aquatic Life Use</b>												
<b>Toxic Substances in sediment</b>												
2008	Benz(a)anthracene	1430_02	From Barton Springs Pool upstream dam to a point 2 miles upstream of Loop 1	21	21	1	1,050.00	AD	NC	NC		No
2008	Benz(a)anthracene	1430_03	From a point 2 miles upstream of Loop 1 to SH 71	10	10	1	1,050.00	AD	NC	NC		No
2008	Benzo(a)pyrene	1430_02	From Barton Springs Pool upstream dam to a point 2 miles upstream of Loop 1	24	24	1	1,450.00	AD	NC	NC		No
2008	Chrysene	1430_02	From Barton Springs Pool upstream dam to a point 2 miles upstream of Loop 1	24	24	1	1,290.00	AD	NC	NC		No
2008	Chrysene	1430_03	From a point 2 miles upstream of Loop 1 to SH 71	10	10	1	1,290.00	AD	NC	NC		No
2008	Dibenz(a,h)anthracene	1430_02	From Barton Springs Pool upstream dam to a point 2 miles upstream of Loop 1	22	22	1	140.00	AD	NC	NC		No
2008	Fluoranthene	1430_03	From a point 2 miles upstream of Loop 1 to SH 71	10	10	1	2,230.00	AD	NC	NC		No
2008	Metals	1430_01	From confluence with Town Lake to downstream dam of Barton Springs Pool	6	6	0		LD	NC	NC		No
2008	Metals	1430_02	From Barton Springs Pool upstream dam to a point 2 miles upstream of Loop 1	24	24	0		AD	NC	NC		No
2008	Metals	1430_03	From a point 2 miles upstream of Loop 1 to SH 71	10	10	0		AD	NC	NC		No
2008	Organics	1430_01	From confluence with Town Lake to downstream dam of Barton Springs Pool	4	4	0		LD	NC	NC		No
2008	Organics	1430_02	From Barton Springs Pool upstream dam to a point 2 miles upstream of Loop 1	24	24	0		AD	NC	NC		No
2008	Organics	1430_03	From a point 2 miles upstream of Loop 1 to SH 71	10	10	0		AD	NC	NC		No
2008	Pyrene	1430_02	From Barton Springs Pool upstream dam to a point 2 miles upstream of Loop 1	24	24	2	1,520.00	AD	NC	NC		No

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**Water body size:** 38 Miles

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### Aquatic Life Use

#### **Toxic Substances in sediment**

2008	Pyrene	1430_03	From a point 2 miles upstream of Loop 1 to SH 71	10	10	2	1,520.00	AD	NC	NC		No
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### Fish Consumption Use

#### **HH Bioaccumulative Toxics in water**

2006	Multiple	1430_02	From Barton Springs Pool upstream dam to a point 2 miles upstream of Loop 1	9	7			TR	NA	NA		No
2006	Multiple	1430_03	From a point 2 miles upstream of Loop 1 to SH 71	1	1			ID	NA	NA		No

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<b>General Use</b>												
<b>Dissolved Solids</b>												
2008	Chloride	1430_01	From confluence with Town Lake to downstream dam of Barton Springs Pool	82	82	30.51	50.00	AD	FS	FS		No
2008	Chloride	1430_02	From Barton Springs Pool upstream dam to a point 2 miles upstream of Loop 1	82	82	30.51	50.00	AD	FS	FS		No
2008	Chloride	1430_03	From a point 2 miles upstream of Loop 1 to SH 71	82	82	30.51	50.00	AD	FS	FS		No
2008	Chloride	1430_04	SH 71 upstream to Hays County Line	82	82	30.51	50.00	AD	FS	FS		No
2008	Chloride	1430_05	Hays County Line upstream to FM 12	82	82	30.51	50.00	AD	FS	FS		No
2008	Sulfate	1430_01	From confluence with Town Lake to downstream dam of Barton Springs Pool	82	82	44.46	50.00	AD	FS	FS		No
2008	Sulfate	1430_02	From Barton Springs Pool upstream dam to a point 2 miles upstream of Loop 1	82	82	44.46	50.00	AD	FS	FS		No
2008	Sulfate	1430_03	From a point 2 miles upstream of Loop 1 to SH 71	82	82	44.46	50.00	AD	FS	FS		No
2008	Sulfate	1430_04	SH 71 upstream to Hays County Line	82	82	44.46	50.00	AD	FS	FS		No
2008	Sulfate	1430_05	Hays County Line upstream to FM 12	82	82	44.46	50.00	AD	FS	FS		No
2008	Total Dissolved Solids	1430_01	From confluence with Town Lake to downstream dam of Barton Springs Pool	298	298	392.62	500.00	AD	FS	FS		No
2008	Total Dissolved Solids	1430_02	From Barton Springs Pool upstream dam to a point 2 miles upstream of Loop 1	298	298	392.62	500.00	AD	FS	FS		No
2008	Total Dissolved Solids	1430_03	From a point 2 miles upstream of Loop 1 to SH 71	298	298	392.62	500.00	AD	FS	FS		No
2008	Total Dissolved Solids	1430_04	SH 71 upstream to Hays County Line	298	298	392.62	500.00	AD	FS	FS		No
2008	Total Dissolved Solids	1430_05	Hays County Line upstream to FM 12	298	298	392.62	500.00	AD	FS	FS		No

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**Water body size:** 38 Miles

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<b>General Use</b>												
<b>High pH</b>												
2008	pH	1430_01	From confluence with Town Lake to downstream dam of Barton Springs Pool	24	24	0	9.00	AD	FS	FS		No
2008	pH	1430_02	From Barton Springs Pool upstream dam to a point 2 miles upstream of Loop 1	68	68	0	9.00	AD	FS	FS		No
2008	pH	1430_03	From a point 2 miles upstream of Loop 1 to SH 71	140	140	0	9.00	AD	FS	FS		No
2008	pH	1430_04	SH 71 upstream to Hays County Line	43	43	0	9.00	AD	FS	FS		No
2008	pH	1430_05	Hays County Line upstream to FM 12	22	22	0	9.00	AD	FS	FS		No
<b>Low pH</b>												
2008	pH	1430_01	From confluence with Town Lake to downstream dam of Barton Springs Pool	24	24	0	6.50	AD	FS	FS		No
2008	pH	1430_02	From Barton Springs Pool upstream dam to a point 2 miles upstream of Loop 1	68	68	0	6.50	AD	FS	FS		No
2008	pH	1430_03	From a point 2 miles upstream of Loop 1 to SH 71	140	140	0	6.50	AD	FS	FS		No
2008	pH	1430_04	SH 71 upstream to Hays County Line	43	43	0	6.50	AD	FS	FS		No
2008	pH	1430_05	Hays County Line upstream to FM 12	22	22	1	6.50	AD	FS	FS		No

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<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2008	Ammonia	1430_01	From confluence with Town Lake to downstream dam of Barton Springs Pool	21	21	0	0.33	AD	NC	NC		No
2008	Ammonia	1430_02	From Barton Springs Pool upstream dam to a point 2 miles upstream of Loop 1	58	58	0	0.33	AD	NC	NC		No
2008	Ammonia	1430_03	From a point 2 miles upstream of Loop 1 to SH 71	120	120	0	0.33	AD	NC	NC		No
2008	Ammonia	1430_04	SH 71 upstream to Hays County Line	35	35	0	0.33	AD	NC	NC		No
2008	Ammonia	1430_05	Hays County Line upstream to FM 12	19	19	0	0.33	AD	NC	NC		No
2008	Chlorophyll-a	1430_01	From confluence with Town Lake to downstream dam of Barton Springs Pool	9	9	0	14.10	LD	NC	NC		No
2008	Chlorophyll-a	1430_02	From Barton Springs Pool upstream dam to a point 2 miles upstream of Loop 1	28	28	0	14.10	AD	NC	NC		No
2008	Chlorophyll-a	1430_03	From a point 2 miles upstream of Loop 1 to SH 71	50	50	1	14.10	AD	NC	NC		No
2008	Chlorophyll-a	1430_04	SH 71 upstream to Hays County Line	18	18	0	14.10	AD	NC	NC		No
2008	Chlorophyll-a	1430_05	Hays County Line upstream to FM 12	8	8	0	14.10	LD	NC	NC		No
2008	Nitrate	1430_01	From confluence with Town Lake to downstream dam of Barton Springs Pool	20	20	0	1.95	AD	NC	NC		No
2008	Nitrate	1430_02	From Barton Springs Pool upstream dam to a point 2 miles upstream of Loop 1	59	59	1	1.95	AD	NC	NC		No
2008	Nitrate	1430_03	From a point 2 miles upstream of Loop 1 to SH 71	115	115	0	1.95	AD	NC	NC		No
2008	Nitrate	1430_04	SH 71 upstream to Hays County Line	35	35	0	1.95	AD	NC	NC		No
2008	Nitrate	1430_05	Hays County Line upstream to FM 12	19	19	0	1.95	AD	NC	NC		No
2008	Orthophosphorus	1430_01	From confluence with Town Lake to downstream dam of Barton Springs Pool	21	21	0	0.37	AD	NC	NC		No
2008	Orthophosphorus	1430_02	From Barton Springs Pool upstream dam to a point 2 miles upstream of Loop 1	58	58	0	0.37	AD	NC	NC		No

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### General Use

#### Nutrient Screening Levels

2008	Orthophosphorus	1430_03	From a point 2 miles upstream of Loop 1 to SH 71	122	122	0	0.37	AD	NC	NC		No
2008	Orthophosphorus	1430_04	SH 71 upstream to Hays County Line	35	35	0	0.37	AD	NC	NC		No
2008	Orthophosphorus	1430_05	Hays County Line upstream to FM 12	19	19	0	0.37	AD	NC	NC		No
2008	Total Phosphorus	1430_01	From confluence with Town Lake to downstream dam of Barton Springs Pool	10	10	0	0.69	AD	NC	NC		No
2008	Total Phosphorus	1430_02	From Barton Springs Pool upstream dam to a point 2 miles upstream of Loop 1	40	40	0	0.69	AD	NC	NC		No
2008	Total Phosphorus	1430_03	From a point 2 miles upstream of Loop 1 to SH 71	62	62	0	0.69	AD	NC	NC		No
2008	Total Phosphorus	1430_04	SH 71 upstream to Hays County Line	19	19	0	0.69	AD	NC	NC		No
2008	Total Phosphorus	1430_05	Hays County Line upstream to FM 12	10	10	0	0.69	AD	NC	NC		No

#### Water Temperature

2008	Temperature	1430_01	From confluence with Town Lake to downstream dam of Barton Springs Pool	24	24	0	32.20	AD	FS	FS		No
2008	Temperature	1430_02	From Barton Springs Pool upstream dam to a point 2 miles upstream of Loop 1	66	66	4	32.20	AD	FS	FS		No
2008	Temperature	1430_03	From a point 2 miles upstream of Loop 1 to SH 71	140	140	2	32.20	AD	FS	FS		No
2008	Temperature	1430_04	SH 71 upstream to Hays County Line	43	43	0	32.20	AD	FS	FS		No
2008	Temperature	1430_05	Hays County Line upstream to FM 12	22	22	0	32.20	AD	FS	FS		No

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<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2008	E. coli	1430_01	From confluence with Town Lake to downstream dam of Barton Springs Pool	11	11	0	35.44	126.00	AD	FS	FS	No
2008	E. coli	1430_02	From Barton Springs Pool upstream dam to a point 2 miles upstream of Loop 1	21	21	0	44.16	126.00	AD	FS	FS	No
2008	E. coli	1430_03	From a point 2 miles upstream of Loop 1 to SH 71	61	61	0	25.42	126.00	AD	FS	FS	No
2008	E. coli	1430_04	SH 71 upstream to Hays County Line	15	15	0	47.72	126.00	AD	FS	FS	No
2008	E. coli	1430_05	Hays County Line upstream to FM 12	9	9	0	39.23	126.00	LD	NC	NC	No
2008	Fecal coliform	1430_01	From confluence with Town Lake to downstream dam of Barton Springs Pool	9	9	0	116.60	200.00	LD	NC	NC	No
2008	Fecal coliform	1430_02	From Barton Springs Pool upstream dam to a point 2 miles upstream of Loop 1	34	34	0	22.18	200.00	SM	FS	FS	No
2008	Fecal coliform	1430_03	From a point 2 miles upstream of Loop 1 to SH 71	61	61	0	26.89	200.00	SM	FS	FS	No
2008	Fecal coliform	1430_04	SH 71 upstream to Hays County Line	20	20	0	56.89	200.00	SM	FS	FS	No
2008	Fecal coliform	1430_05	Hays County Line upstream to FM 12	10	10	0	45.54	200.00	AD	FS	FS	No

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<b>Recreation Use</b>												
<b>Bacteria Single Sample</b>												
2008	E. coli	1430_01	From confluence with Town Lake to downstream dam of Barton Springs Pool	11	11	0	394.00	AD	FS	FS		No
2008	E. coli	1430_02	From Barton Springs Pool upstream dam to a point 2 miles upstream of Loop 1	21	21	1	394.00	AD	FS	FS		No
2008	E. coli	1430_03	From a point 2 miles upstream of Loop 1 to SH 71	61	61	0	394.00	AD	FS	FS		No
2008	E. coli	1430_04	SH 71 upstream to Hays County Line	15	15	1	394.00	AD	FS	FS		No
2008	E. coli	1430_05	Hays County Line upstream to FM 12	9	9	0	394.00	LD	NC	NC		No
2008	Fecal coliform	1430_01	From confluence with Town Lake to downstream dam of Barton Springs Pool	9	9	1	400.00	LD	NC	NC		No
2008	Fecal coliform	1430_02	From Barton Springs Pool upstream dam to a point 2 miles upstream of Loop 1	34	34	1	400.00	SM	FS	FS		No
2008	Fecal coliform	1430_03	From a point 2 miles upstream of Loop 1 to SH 71	61	61	0	400.00	SM	FS	FS		No
2008	Fecal coliform	1430_04	SH 71 upstream to Hays County Line	20	20	1	400.00	SM	FS	FS		No
2008	Fecal coliform	1430_05	Hays County Line upstream to FM 12	10	10	0	400.00	AD	FS	FS		No



## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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### Segment ID: 1430A Barton Springs (unclassified water body)

**Water body type:** Freshwater Stream

**Water body size:** 0 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Aquatic Life Use</b>												
<b>Acute Toxic Substances in water</b>												
2006	Organics	1430A_01 Barton Springs Pool - entire water body	2	2	0			ID	NA	NA		No
<b>Chronic Toxic Substances in water</b>												
2006	Organics	1430A_01 Barton Springs Pool - entire water body	2	2				ID	NA	NA		No
<b>Chronic Toxicity tests in whole sediment</b>												
2006	Sediment Chronic Toxicity	1430A_01 Barton Springs Pool - entire water body	13	13	8			AD				No
<b>Dissolved Oxygen grab minimum</b>												
2008	Dissolved Oxygen Grab	1430A_01 Barton Springs Pool - entire water body	90	90	0		3.00	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2008	Dissolved Oxygen Grab	1430A_01 Barton Springs Pool - entire water body	90	90	8		5.00	AD	NC	NC		No
<b>LOE Toxic Sediment condition</b>												
2006	Sediment Toxicity (LOE)	1430A_01 Barton Springs Pool - entire water body						JQ	CN	CN		No
<b>Toxic Substances in sediment</b>												
2008	Chrysene	1430A_01 Barton Springs Pool - entire water body	34	34	2		1,290.00	AD	NC	NC		No
2008	Copper	1430A_01 Barton Springs Pool - entire water body	36	36	4		149.00	AD	NC	NC		No
2008	Dibenz(a,h)anthracene	1430A_01 Barton Springs Pool - entire water body	26	26	3		140.00	AD	NC	NC		No
2008	Fluoranthene	1430A_01 Barton Springs Pool - entire water body	34	34	2		2,230.00	AD	NC	NC		No
2008	Mercury	1430A_01 Barton Springs Pool - entire water body	32	32	1		1.06	AD	NC	NC		No
2008	Metals	1430A_01 Barton Springs Pool - entire water body	36	36	0			AD	NC	NC		No
2008	Organics	1430A_01 Barton Springs Pool - entire water body	32	32	0			AD	NC	NC		No
2008	Pyrene	1430A_01 Barton Springs Pool - entire water body	34	34	3		1,520.00	AD	NC	NC		No
2008	Silver	1430A_01 Barton Springs Pool - entire water body	35	35	1		2.20	AD	NC	NC		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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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- Superseded by another method;  
 JQ- Assessor Judgement; OE- Other Information Evaluated; OS- Out-of-State; AU ID - Assessment Unit ID \*Note: Carry-forward refers to impairments without sufficient information in 2008 to re-evaluate the level of support.

**Segment ID:** 1430A      **Barton Springs (unclassified water body)**

**Water body type:** Freshwater Stream

**Water body size:** 0 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>General Use</b>												
<b>Dissolved Solids</b>												
2008	Chloride	1430A_01 Barton Springs Pool - entire water body	64	64		24.90	50.00	AD	FS	FS		No
2008	Sulfate	1430A_01 Barton Springs Pool - entire water body	64	64		29.86	50.00	AD	FS	FS		No
2008	Total Dissolved Solids	1430A_01 Barton Springs Pool - entire water body	115	115		423.26	500.00	AD	FS	FS		No
<b>High pH</b>												
2006	pH	1430A_01 Barton Springs Pool - entire water body	88	88	0		9.00	AD	FS	FS		No
<b>Low pH</b>												
2006	pH	1430A_01 Barton Springs Pool - entire water body	88	88	0		6.50	AD	FS	FS		No
<b>Nutrient Screening Levels</b>												
2008	Ammonia	1430A_01 Barton Springs Pool - entire water body	125	125	0		0.33	AD	NC	NC		No
2008	Chlorophyll-a	1430A_01 Barton Springs Pool - entire water body	52	52	0		14.10	AD	NC	NC		No
2008	Nitrate	1430A_01 Barton Springs Pool - entire water body	142	142	1		1.95	AD	NC	NC		No
2008	Orthophosphorus	1430A_01 Barton Springs Pool - entire water body	127	127	0		0.37	AD	NC	NC		No
2008	Total Phosphorus	1430A_01 Barton Springs Pool - entire water body	70	70	0		0.69	AD	NC	NC		No
<b>Water Temperature</b>												
2006	Temperature	1430A_01 Barton Springs Pool - entire water body	88	88	0		32.20	AD	FS	FS		No
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2008	E. coli	1430A_01 Barton Springs Pool - entire water body	8	8	0	10.05	126.00	LD	NC	NC		No
2008	Fecal coliform	1430A_01 Barton Springs Pool - entire water body	10	10	0	43.31	200.00	AD	FS	FS		No
<b>Bacteria Single Sample</b>												
2008	E. coli	1430A_01 Barton Springs Pool - entire water body	8	8	1		394.00	LD	NC	NC		No
2008	Fecal coliform	1430A_01 Barton Springs Pool - entire water body	10	10	0		400.00	AD	FS	FS		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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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- Superseded by another method;  
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### Segment ID: 1430B Tributaries to Barton Creek (unclassified water bodies)

**Water body type:** Freshwater Stream

**Water body size:** 55 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Aquatic Life Use</b>												
<b>Acute Toxic Substances in water</b>												
2006	Organics	1430B_02	From Barton Creek Blvd. crossing upstream to SH 71	1	1	0		ID	NA	NA		No
<b>Chronic Toxic Substances in water</b>												
2006	Organics	1430B_02	From Barton Creek Blvd. crossing upstream to SH 71	1	1			ID	NA	NA		No
<b>Dissolved Oxygen grab minimum</b>												
2006	Dissolved Oxygen Grab	1430B_01	Tributaries entering Barton Cr from a point 2 mi upstream of Loop 1 upstream to Barton Creek Blvd.	49	49	0	1.50	AD	FS	FS		No
2006	Dissolved Oxygen Grab	1430B_02	From Barton Creek Blvd. crossing upstream to SH 71	9	9	0	1.50	TR	NA	NA		No
2006	Dissolved Oxygen Grab	1430B_03	Little Barton Creek	8	8	0	3.00	LD	NC	NC		No
2006	Dissolved Oxygen Grab	1430B_04	Tributaries entering Barton Cr from SH 71 upstream to the Hays County line	30	30	0	2.00	AD	FS	FS		No
2006	Dissolved Oxygen Grab	1430B_05	Tributaries entering Barton Creek from the Hays County line upstream to CR 169	37	37	0	2.00	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	1430B_01	Tributaries entering Barton Cr from a point 2 mi upstream of Loop 1 upstream to Barton Creek Blvd.	49	49	0	2.00	AD	NC	NC		No
2006	Dissolved Oxygen Grab	1430B_02	From Barton Creek Blvd. crossing upstream to SH 71	9	9	0	2.00	TR	NA	NA		No
2006	Dissolved Oxygen Grab	1430B_03	Little Barton Creek	8	8	1	5.00	LD	NC	NC		No
2006	Dissolved Oxygen Grab	1430B_04	Tributaries entering Barton Cr from SH 71 upstream to the Hays County line	30	30	0	3.00	AD	NC	NC		No
2006	Dissolved Oxygen Grab	1430B_05	Tributaries entering Barton Creek from the Hays County line upstream to CR 169	37	37	0	3.00	AD	NC	NC		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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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: 1430B Tributaries to Barton Creek (unclassified water bodies)

**Water body type:** Freshwater Stream

**Water body size:** 55 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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#### Aquatic Life Use

##### Toxic Substances in sediment

2006	Metals	1430B_02	From Barton Creek Blvd. crossing upstream to SH 71	1	1	0		ID	NA	NA		No
2006	Metals	1430B_03	Little Barton Creek	2	2			ID	NA	NA		No
2006	Metals	1430B_05	Tributaries entering Barton Creek from the Hays County line upstream to CR 169	1	1	0		ID	NA	NA		No
2006	Organics	1430B_03	Little Barton Creek	2	2	0		ID	NA	NA		No
2006	Organics	1430B_05	Tributaries entering Barton Creek from the Hays County line upstream to CR 169	1	1	0		ID	NA	NA		No
2006	Silver	1430B_03	Little Barton Creek	2	2	1	2.20	ID	NA	NA		No

#### Fish Consumption Use

##### HH Bioaccumulative Toxics in water

2006	Multiple	1430B_02	From Barton Creek Blvd. crossing upstream to SH 71	1	1			ID	NA	NA		No
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2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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Segment ID: 1430B Tributaries to Barton Creek (unclassified water bodies)

Water body type: Freshwater Stream Water body size: 55 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of</u> <u>Samples</u>	<u>#</u> <u>Assessed</u>	<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> <u>Supp</u>	<u>Imp</u> <u>Category</u>	<u>Carry</u> <u>Forward</u>
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General Use

## 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;  
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### Segment ID: 1430B Tributaries to Barton Creek (unclassified water bodies)

**Water body type:** Freshwater Stream

**Water body size:** 55 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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#### General Use

#### **Nutrient Screening Levels**

2006	Ammonia	1430B_01	Tributaries entering Barton Cr from a point 2 mi upstream of Loop 1 upstream to Barton Creek Blvd.	117	117	3	0.33	AD	NC	NC		No
2006	Ammonia	1430B_02	From Barton Creek Blvd. crossing upstream to SH 71	64	64	0	0.33	AD	NC	NC		No
2006	Ammonia	1430B_03	Little Barton Creek	10	10	1	0.33	AD	NC	NC		No
2006	Ammonia	1430B_04	Tributaries entering Barton Cr from SH 71 upstream to the Hays County line	27	27	0	0.33	AD	NC	NC		No
2006	Ammonia	1430B_05	Tributaries entering Barton Creek from the Hays County line upstream to CR 169	32	32	0	0.33	AD	NC	NC		No
2006	Chlorophyll-a	1430B_02	From Barton Creek Blvd. crossing upstream to SH 71	0	0		14.10	ID	NA	NA		No
2006	Chlorophyll-a	1430B_03	Little Barton Creek	0	0	0		ID	NA	NA		No
2006	Chlorophyll-a	1430B_04	Tributaries entering Barton Cr from SH 71 upstream to the Hays County line	0	0	0	14.10	ID	NA	NA		No
2006	Chlorophyll-a	1430B_05	Tributaries entering Barton Creek from the Hays County line upstream to CR 169	10	10	0	14.10	AD	NC	NC		No
2006	Nitrate	1430B_01	Tributaries entering Barton Cr from a point 2 mi upstream of Loop 1 upstream to Barton Creek Blvd.	116	116	48	1.95	AD	CS	CS		No
2006	Nitrate	1430B_02	From Barton Creek Blvd. crossing upstream to SH 71	64	64	0	1.95	AD	NC	NC		No
2006	Nitrate	1430B_03	Little Barton Creek	10	10	0	1.95	AD	NC	NC		No
2006	Nitrate	1430B_04	Tributaries entering Barton Cr from SH 71 upstream to the Hays County line	27	27	0	1.95	AD	NC	NC		No
2006	Nitrate	1430B_05	Tributaries entering Barton Creek from the Hays County line upstream to CR 169	32	32	0	1.95	AD	NC	NC		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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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: 1430B Tributaries to Barton Creek (unclassified water bodies)

**Water body type:** Freshwater Stream

**Water body size:** 55 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2006	Orthophosphorus	1430B_01	Tributaries entering Barton Cr from a point 2 mi upstream of Loop 1 upstream to Barton Creek Blvd.	117	117	3	0.37	AD	NC	NC		No
2006	Orthophosphorus	1430B_02	From Barton Creek Blvd. crossing upstream to SH 71	64	64	1	0.37	AD	NC	NC		No
2006	Orthophosphorus	1430B_03	Little Barton Creek	10	10	0	0.37	AD	NC	NC		No
2006	Orthophosphorus	1430B_04	Tributaries entering Barton Cr from SH 71 upstream to the Hays County line	27	27	0	0.37	AD	NC	NC		No
2006	Orthophosphorus	1430B_05	Tributaries entering Barton Creek from the Hays County line upstream to CR 169	32	32	0	0.37	AD	NC	NC		No
2006	Total Phosphorus	1430B_02	From Barton Creek Blvd. crossing upstream to SH 71	0	0		0.69	ID	NA	NA		No
2006	Total Phosphorus	1430B_03	Little Barton Creek	0	0	0	0.69	ID	NA	NA		No
2006	Total Phosphorus	1430B_04	Tributaries entering Barton Cr from SH 71 upstream to the Hays County line	0	0	0	0.69	ID	NA	NA		No
2006	Total Phosphorus	1430B_05	Tributaries entering Barton Creek from the Hays County line upstream to CR 169	10	10	0	0.69	AD	NC	NC		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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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: 1430B Tributaries to Barton Creek (unclassified water bodies)

**Water body type:** Freshwater Stream

**Water body size:** 55 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry- Forward</u>
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2006	E. coli	1430B_02	From Barton Creek Blvd. crossing upstream to SH 71	0	0		126.00	ID	NA	NA		No
2006	E. coli	1430B_03	Little Barton Creek	0	0		126.00	ID	NA	NA		No
2006	E. coli	1430B_04	Tributaries entering Barton Cr from SH 71 upstream to the Hays County line	0	0		126.00	ID	NA	NA		No
2006	E. coli	1430B_05	Tributaries entering Barton Creek from the Hays County line upstream to CR 169	5	5	88.00	126.00	TR	NA	NA		No
2006	Fecal coliform	1430B_01	Tributaries entering Barton Cr from a point 2 mi upstream of Loop 1 upstream to Barton Creek Blvd.	114	114	30.00	200.00	AD	FS	FS		No
2006	Fecal coliform	1430B_02	From Barton Creek Blvd. crossing upstream to SH 71	59	59	35.00	200.00	AD	FS	FS		No
2006	Fecal coliform	1430B_03	Little Barton Creek	10	10	25.00	200.00	AD	FS	FS		No
2006	Fecal coliform	1430B_04	Tributaries entering Barton Cr from SH 71 upstream to the Hays County line	27	27	41.00	200.00	AD	FS	FS		No
2006	Fecal coliform	1430B_05	Tributaries entering Barton Creek from the Hays County line upstream to CR 169	25	25	78.00	200.00	AD	FS	FS		No



## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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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- Superseded by another method;  
 JQ- Assessor Judgement; OE- Other Information Evaluated; OS- Out-of-State; AU ID - Assessment Unit ID \*Note: Carry-forward refers to impairments without sufficient information in 2008 to re-evaluate the level of support.

### Segment ID: 1430B Tributaries to Barton Creek (unclassified water bodies)

**Water body type:** Freshwater Stream

**Water body size:** 55 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry- Forward</u>
<b>Recreation Use</b>												
<b>Bacteria Single Sample</b>												
2006	E. coli	1430B_02	From Barton Creek Blvd. crossing upstream to SH 71	0	0		394.00	ID	NA	NA		No
2006	E. coli	1430B_03	Little Barton Creek	0	0	0	394.00	ID	NA	NA		No
2006	E. coli	1430B_04	Tributaries entering Barton Cr from SH 71 upstream to the Hays County line	0	0		394.00	ID	NA	NA		No
2006	E. coli	1430B_05	Tributaries entering Barton Creek from the Hays County line upstream to CR 169	5	5	0	394.00	TR	NA	NA		No
2006	Fecal coliform	1430B_01	Tributaries entering Barton Cr from a point 2 mi upstream of Loop 1 upstream to Barton Creek Blvd.	114	114	6	400.00	AD	FS	FS		No
2006	Fecal coliform	1430B_02	From Barton Creek Blvd. crossing upstream to SH 71	59	59	0	400.00	AD	FS	FS		No
2006	Fecal coliform	1430B_03	Little Barton Creek	10	10	0	400.00	AD	FS	FS		No
2006	Fecal coliform	1430B_04	Tributaries entering Barton Cr from SH 71 upstream to the Hays County line	27	27	1	400.00	AD	FS	FS		No
2006	Fecal coliform	1430B_05	Tributaries entering Barton Creek from the Hays County line upstream to CR 169	25	25	2	400.00	AD	FS	FS		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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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: 1431 Mid Pecan Bayou**

**Water body type:** Freshwater Stream

**Water body size:** 13 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Aquatic Life Use</b>												
<b>Dissolved Oxygen 24hr average</b>												
2008	Dissolved Oxygen 24hr Avg	1431_01	Entire water body	2	2	0	2.00	ID	NA	NA		No
<b>Dissolved Oxygen 24hr minimum</b>												
2008	Dissolved Oxygen 24hr Min	1431_01	Entire water body	2	2	0	1.50	ID	NA	NA		No
<b>Dissolved Oxygen grab minimum</b>												
2008	Dissolved Oxygen Grab	1431_01	Entire water body	30	30	0	1.50	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2008	Dissolved Oxygen Grab	1431_01	Entire water body	30	30	0	2.00	AD	NC	NC		No
<b>Toxic Substances in sediment</b>												
2008	Metals	1431_01	Entire water body	9	9	0		LD	NC	NC		No
<b>Fish Consumption Use</b>												
<b>HH Bioaccumulative Toxics in water</b>												
2006	Chromium	1431_01	Entire water body	10	10		1.60	AD	FS	FS		No
2006	Lead	1431_01	Entire water body	10	10		0.65	AD	FS	FS		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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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:** 1431      **Mid Pecan Bayou**

**Water body type:** Freshwater Stream

**Water body size:** 13 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward	
General Use													
Dissolved Solids													
2008	Chloride	1431_01	Entire water body	28	28		108.86	410.00	AD	FS	FS	No	
2008	Sulfate	1431_01	Entire water body	28	28		80.57	120.00	AD	FS	FS	No	
2008	Total Dissolved Solids	1431_01	Entire water body	31	31		553.52	1,100.00	AD	FS	FS	No	
High pH													
2008	pH	1431_01	Entire water body	30	30	0		9.00	AD	FS	FS	No	
Low pH													
2008	pH	1431_01	Entire water body	30	30	0		6.50	AD	FS	FS	No	
Nutrient Screening Levels													
2008	Ammonia	1431_01	Entire water body	28	28	0		0.33	AD	NC	NC	No	
2008	Chlorophyll-a	1431_01	Entire water body	28	28	2		14.10	AD	NC	NC	No	
2008	Nitrate	1431_01	Entire water body	28	28	22		1.95	AD	CS	CS	No	
2008	Orthophosphorus	1431_01	Entire water body	28	28	21		0.37	AD	CS	CS	No	
2008	Total Phosphorus	1431_01	Entire water body	28	28	20		0.69	AD	CS	CS	No	
Water Temperature													
2008	Temperature	1431_01	Entire water body	30	30	0		32.20	AD	FS	FS	No	
Recreation Use													
Bacteria Geomean													
2008	E. coli	1431_01	Entire water body	21	21	1	281.77	126.00	AD	NS	NS	5c	No
2008	Fecal coliform	1431_01	Entire water body	15	15	0	103.68	200.00	SM	FS	FS		No
Bacteria Single Sample													
2008	E. coli	1431_01	Entire water body	21	21	5		394.00	AD	FS	FS		No
2008	Fecal coliform	1431_01	Entire water body	15	15	1		400.00	SM	FS	FS		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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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:** 1432      **Upper Pecan Bayou**

**Water body type:** Freshwater Stream

**Water body size:** 15 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Aquatic Life Use</b>												
<b>Acute Toxic Substances in water</b>												
2006	Metals	1432_01	Entire water body	10	10	0		AD	FS	FS		No
<b>Chronic Toxic Substances in water</b>												
2006	Metals	1432_01	Entire water body	10	10			AD	FS	FS		No
<b>Dissolved Oxygen grab minimum</b>												
2008	Dissolved Oxygen Grab	1432_01	Entire water body	27	27	0	3.00	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2008	Dissolved Oxygen Grab	1432_01	Entire water body	27	27	3	5.00	AD	NC	NC		No
<b>Toxic Substances in sediment</b>												
2008	Manganese	1432_01	Entire water body	4	4	1	1,100.00	LD	NC	NC		No
2008	Metals	1432_01	Entire water body	4	4	0		LD	NC	NC		No
<b>Fish Consumption Use</b>												
<b>HH Bioaccumulative Toxics in water</b>												
2006	Chromium	1432_01	Entire water body	10	10		1.60	AD	FS	FS		No
2006	Lead	1432_01	Entire water body	10	10		0.60	AD	FS	FS		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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**Segment ID:** 1432      **Upper Pecan Bayou**

**Water body type:** Freshwater Stream

**Water body size:** 15 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>General Use</b>												
<b>Dissolved Solids</b>												
2008	Chloride	1432_01	Entire water body	28	28		74.36	200.00	AD	FS	FS	No
2008	Sulfate	1432_01	Entire water body	28	28		55.46	150.00	AD	FS	FS	No
2008	Total Dissolved Solids	1432_01	Entire water body	28	28		405.93	800.00	AD	FS	FS	No
<b>High pH</b>												
2008	pH	1432_01	Entire water body	27	27	0		9.00	AD	FS	FS	No
<b>Low pH</b>												
2008	pH	1432_01	Entire water body	27	27	0		6.50	AD	FS	FS	No
<b>Nutrient Screening Levels</b>												
2008	Ammonia	1432_01	Entire water body	28	28	1		0.33	AD	NC	NC	No
2008	Chlorophyll-a	1432_01	Entire water body	28	28	2		14.10	AD	NC	NC	No
2008	Nitrate	1432_01	Entire water body	28	28	2		1.95	AD	NC	NC	No
2008	Orthophosphorus	1432_01	Entire water body	28	28	1		0.37	AD	NC	NC	No
2008	Total Phosphorus	1432_01	Entire water body	28	28	2		0.69	AD	NC	NC	No
<b>Water Temperature</b>												
2008	Temperature	1432_01	Entire water body	27	27	0		32.20	AD	FS	FS	No
<b>Public Water Supply Use</b>												
<b>Finished Drinking Water Dissolved Solids average</b>												
2008	Multiple	1432_01	Entire water body						OE	NC	NC	No
<b>Finished Drinking Water MCLs and Toxic Substances running average</b>												
2008	Multiple	1432_01	Entire water body						OE	FS	FS	No
<b>Finished Drinking Water MCLs Concern</b>												
2008	Multiple	1432_01	Entire water body						OE	NC	NC	No
<b>Surface Water HH criteria for PWS average</b>												
2006	Multiple	1432_01	Entire water body	14	14				AD	FS	FS	No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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**Segment ID:** 1432      **Upper Pecan Bayou**

**Water body type:** Freshwater Stream

**Water body size:** 15 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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### Recreation Use

#### **Bacteria Geomean**

2008	E. coli	1432_01	Entire water body	20	20	0	113.79	126.00	AD	FS	FS	No
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2008	Fecal coliform	1432_01	Entire water body	14	14	0	123.87	200.00	SM	FS	FS	No
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#### **Bacteria Single Sample**

2008	E. coli	1432_01	Entire water body	20	20	2		394.00	AD	FS	FS	No
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2008	Fecal coliform	1432_01	Entire water body	14	14	1		400.00	SM	FS	FS	No
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**Segment ID:** 1433      **O. H. Ivie Reservoir**

**Water body type:** Reservoir

**Water body size:** 19,150 Acres

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Aquatic Life Use</b>												
<b>Acute Toxic Substances in water</b>												
2006	Metals	1433_01	Main pool near dam	6	6	0		LD	NC	NC		No
2006	Metals	1433_02	Concho River arm	3	3	0		ID	NA	NA		No
2006	Metals	1433_03	Colorado River arm	3	3	0		ID	NA	NA		No
<b>Chronic Toxic Substances in water</b>												
2006	Metals	1433_01	Main pool near dam	6	6	0		LD	NC	NC		No
2006	Metals	1433_02	Concho River arm	3	3			ID	NA	NA		No
2006	Metals	1433_03	Colorado River arm	3	3			ID	NA	NA		No
<b>Dissolved Oxygen 24hr average</b>												
2008	Dissolved Oxygen 24hr Avg	1433_02	Concho River arm	4	4	0	5.00	LD	NC	NC		No
<b>Dissolved Oxygen 24hr minimum</b>												
2008	Dissolved Oxygen 24hr Min	1433_02	Concho River arm	4	4	0	3.00	LD	NC	NC		No
<b>Dissolved Oxygen grab minimum</b>												
2008	Dissolved Oxygen Grab	1433_01	Main pool near dam	226	26	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	1433_02	Concho River arm	67	23	1	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	1433_03	Colorado River arm	89	20	0	3.00	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2008	Dissolved Oxygen Grab	1433_01	Main pool near dam	226	26	0	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	1433_02	Concho River arm	67	23	3	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	1433_03	Colorado River arm	89	20	1	5.00	AD	NC	NC		No
<b>Toxic Substances in sediment</b>												
2008	Manganese	1433_01	Main pool near dam	3	3	1	1,100.00	ID	NA	NA		No
2008	Metals	1433_01	Main pool near dam	3	3	0		ID	NA	NA		No
2008	Metals	1433_02	Concho River arm	2	2	0		ID	NA	NA		No
2008	Metals	1433_03	Colorado River arm	2	2	0		ID	NA	NA		No

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**Segment ID:** 1433      **O. H. Ivie Reservoir**

**Water body type:** Reservoir

**Water body size:** 19,150 Acres

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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### Fish Consumption Use

#### **Bioaccumulative Toxics in fish tissue**

2006	Multiple	1433_01	Main pool near dam	2	2	0		ID	NA	NA		No
2006	Multiple	1433_02	Concho River arm	2	2	0		ID	NA	NA		No
2006	Multiple	1433_03	Colorado River arm	2	2	0		ID	NA	NA		No

#### **DSHS Advisories, Closures, and Risk Assessments**

2008	Risk Assess.- No Advisory	1433_01	Main pool near dam					OE	FS	FS		No
2008	Risk Assess.- No Advisory	1433_02	Concho River arm					OE	FS	FS		No
2008	Risk Assess.- No Advisory	1433_03	Colorado River arm					OE	FS	FS		No
2008	Risk Assess.- No Advisory	1433_04	Remainder of reservoir					OE	FS	FS		No

#### **HH Bioaccumulative Toxics in water**

2006	Chromium	1433_01	Main pool near dam	4	4		2.00	100.00	LD	NC	NC	No
2006	Chromium	1433_02	Concho River arm	3	3		1.70	100.00	ID	NA	NA	No
2006	Chromium	1433_03	Colorado River arm	3	3		1.70	100.00	ID	NA	NA	No
2006	Lead	1433_01	Main pool near dam	5	5		1.29	4.98	LD	NC	NC	No
2006	Lead	1433_02	Concho River arm	3	3		0.50	4.98	ID	NA	NA	No
2006	Lead	1433_03	Colorado River arm	3	3		1.00	4.98	ID	NA	NA	No



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**Segment ID: 1433 O. H. Ivie Reservoir**

**Water body type:** Reservoir

**Water body size:** 19,150 Acres

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>General Use</b>												
<b>High pH</b>												
2008	pH	1433_01	Main pool near dam	221	25	0	9.00	AD	FS	FS		No
2008	pH	1433_02	Concho River arm	65	22	0	9.00	AD	FS	FS		No
2008	pH	1433_03	Colorado River arm	86	19	0	9.00	AD	FS	FS		No
<b>Low pH</b>												
2008	pH	1433_01	Main pool near dam	221	25	0	6.50	AD	FS	FS		No
2008	pH	1433_02	Concho River arm	65	22	0	6.50	AD	FS	FS		No
2008	pH	1433_03	Colorado River arm	86	19	0	6.50	AD	FS	FS		No
<b>Nutrient Screening Levels</b>												
2008	Ammonia	1433_01	Main pool near dam	24	24	1	0.11	AD	NC	NC		No
2008	Ammonia	1433_02	Concho River arm	20	20	1	0.11	AD	NC	NC		No
2008	Ammonia	1433_03	Colorado River arm	18	18	1	0.11	AD	NC	NC		No
2008	Chlorophyll-a	1433_01	Main pool near dam	25	25	0	26.70	AD	NC	NC		No
2008	Chlorophyll-a	1433_02	Concho River arm	20	20	2	26.70	AD	NC	NC		No
2008	Chlorophyll-a	1433_03	Colorado River arm	18	18	1	26.70	AD	NC	NC		No
2008	Nitrate	1433_01	Main pool near dam	24	24	1	0.37	AD	NC	NC		No
2008	Nitrate	1433_02	Concho River arm	21	21	3	0.37	AD	NC	NC		No
2008	Nitrate	1433_03	Colorado River arm	19	19	3	0.37	AD	NC	NC		No
2008	Orthophosphorus	1433_01	Main pool near dam	25	25	0	0.05	AD	NC	NC		No
2008	Orthophosphorus	1433_02	Concho River arm	20	20	0	0.05	AD	NC	NC		No
2008	Orthophosphorus	1433_03	Colorado River arm	18	18	0	0.05	AD	NC	NC		No
2008	Total Phosphorus	1433_01	Main pool near dam	24	24	0	0.20	AD	NC	NC		No
2008	Total Phosphorus	1433_02	Concho River arm	20	20	0	0.20	AD	NC	NC		No
2008	Total Phosphorus	1433_03	Colorado River arm	18	18	0	0.20	AD	NC	NC		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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**Segment ID:** 1433      **O. H. Ivie Reservoir**

**Water body type:** Reservoir

**Water body size:** 19,150 Acres

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>General Use</b>												
<b>Water Temperature</b>												
2008	Temperature	1433_01	Main pool near dam	226	26	0	33.90	AD	FS	FS		No
2008	Temperature	1433_02	Concho River arm	67	23	0	33.90	AD	FS	FS		No
2008	Temperature	1433_03	Colorado River arm	89	20	0	33.90	AD	FS	FS		No
<b>Public Water Supply Use</b>												
<b>Finished Drinking Water Dissolved Solids average</b>												
2008	Multiple	1433_01	Main pool near dam					OE	NC	NC		No
2008	Multiple	1433_02	Concho River arm					OE	NC	NC		No
2008	Multiple	1433_03	Colorado River arm					OE	NC	NC		No
2008	Multiple	1433_04	Remainder of reservoir					OE	NC	NC		No
<b>Finished Drinking Water MCLs and Toxic Substances running average</b>												
2008	Multiple	1433_01	Main pool near dam					OE	FS	FS		No
2008	Multiple	1433_02	Concho River arm					OE	FS	FS		No
2008	Multiple	1433_03	Colorado River arm					OE	FS	FS		No
2008	Multiple	1433_04	Remainder of reservoir					OE	FS	FS		No
<b>Finished Drinking Water MCLs Concern</b>												
2008	Multiple	1433_01	Main pool near dam					OE	NC	NC		No
2008	Multiple	1433_02	Concho River arm					OE	NC	NC		No
2008	Multiple	1433_03	Colorado River arm					OE	NC	NC		No
2008	Multiple	1433_04	Remainder of reservoir					OE	NC	NC		No
<b>Surface Water HH criteria for PWS average</b>												
2006	Multiple	1433_01	Main pool near dam	7	7			LD	NC	NC		No
2006	Multiple	1433_02	Concho River arm	5	5			LD	NC	NC		No
2006	Multiple	1433_03	Colorado River arm	5	5			LD	NC	NC		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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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- Superseded by another method;  
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**Segment ID:** 1433      **O. H. Ivie Reservoir**

**Water body type:** Reservoir

**Water body size:** 19,150 Acres

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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### Recreation Use

#### **Bacteria Geomean**

2008	E. coli	1433_01	Main pool near dam	22	22	0	0.90	126.00	AD	FS	FS	No
2008	E. coli	1433_02	Concho River arm	15	15	0	2.64	126.00	AD	FS	FS	No
2008	E. coli	1433_03	Colorado River arm	14	14	0	1.51	126.00	AD	FS	FS	No
2008	Fecal coliform	1433_01	Main pool near dam	8	8	0	1.65	200.00	LD	NC	NC	No
2008	Fecal coliform	1433_02	Concho River arm	7	7	0	3.47	200.00	LD	NC	NC	No
2008	Fecal coliform	1433_03	Colorado River arm	7	7	0	4.27	200.00	LD	NC	NC	No

#### **Bacteria Single Sample**

2008	E. coli	1433_01	Main pool near dam	22	22	0		394.00	AD	FS	FS	No
2008	E. coli	1433_02	Concho River arm	15	15	0		394.00	AD	FS	FS	No
2008	E. coli	1433_03	Colorado River arm	14	14	0		394.00	AD	FS	FS	No
2008	Fecal coliform	1433_01	Main pool near dam	8	8	0		400.00	LD	NC	NC	No
2008	Fecal coliform	1433_02	Concho River arm	7	7	0		400.00	LD	NC	NC	No
2008	Fecal coliform	1433_03	Colorado River arm	7	7	0		400.00	LD	NC	NC	No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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**Segment ID:** 1434 **Colorado River above La Grange**

**Water body type:** Freshwater Stream

**Water body size:** 74 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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### Aquatic Life Use

#### **Dissolved Oxygen grab minimum**

2008	Dissolved Oxygen Grab	1434_02	Southern-Pacific RR upstream to the confluence of Reeds Creek west of Smithville	46	41	0	4.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	1434_03	From the confluence of Reeds Creek west of Smithville upstream to the end of segment	45	41	0	4.00	AD	FS	FS		No

#### **Dissolved Oxygen grab screening level**

2008	Dissolved Oxygen Grab	1434_02	Southern-Pacific RR upstream to the confluence of Reeds Creek west of Smithville	46	41	1	6.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	1434_03	From the confluence of Reeds Creek west of Smithville upstream to the end of segment	45	41	0	6.00	AD	NC	NC		No

#### **Toxic Substances in sediment**

2008	Metals	1434_02	Southern-Pacific RR upstream to the confluence of Reeds Creek west of Smithville	3	3	0		ID	NA	NA		No
2008	Organics	1434_02	Southern-Pacific RR upstream to the confluence of Reeds Creek west of Smithville	2	2			ID	NA	NA		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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**Segment ID:** 1434 **Colorado River above La Grange**

**Water body type:** Freshwater Stream

**Water body size:** 74 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>General Use</b>												
<b>Dissolved Solids</b>												
2008	Chloride	1434_01	From a point 100 m downstream of SH 71 upstream to the Southern Pacific Railroad crossing	82	82	42.39	100.00	AD	FS	FS		No
2008	Chloride	1434_02	Southern-Pacific RR upstream to the confluence of Reeds Creek west of Smithville	82	82	42.39	100.00	AD	FS	FS		No
2008	Chloride	1434_03	From the confluence of Reeds Creek west of Smithville upstream to the end of segment	82	82	42.39	100.00	AD	FS	FS		No
2008	Sulfate	1434_01	From a point 100 m downstream of SH 71 upstream to the Southern Pacific Railroad crossing	82	82	37.02	100.00	AD	FS	FS		No
2008	Sulfate	1434_02	Southern-Pacific RR upstream to the confluence of Reeds Creek west of Smithville	82	82	37.02	100.00	AD	FS	FS		No
2008	Sulfate	1434_03	From the confluence of Reeds Creek west of Smithville upstream to the end of segment	82	82	37.02	100.00	AD	FS	FS		No
2008	Total Dissolved Solids	1434_01	From a point 100 m downstream of SH 71 upstream to the Southern Pacific Railroad crossing	88	88	317.90	500.00	AD	FS	FS		No
2008	Total Dissolved Solids	1434_02	Southern-Pacific RR upstream to the confluence of Reeds Creek west of Smithville	88	88	317.90	500.00	AD	FS	FS		No
2008	Total Dissolved Solids	1434_03	From the confluence of Reeds Creek west of Smithville upstream to the end of segment	88	88	317.90	500.00	AD	FS	FS		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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**Segment ID:** 1434 **Colorado River above La Grange**

**Water body type:** Freshwater Stream

**Water body size:** 74 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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### General Use

#### High pH

2008	pH	1434_02	Southern-Pacific RR upstream to the confluence of Reeds Creek west of Smithville	46	41	0	9.00	AD	FS	FS		No
2008	pH	1434_03	From the confluence of Reeds Creek west of Smithville upstream to the end of segment	45	41	0	9.00	AD	FS	FS		No

#### Low pH

2008	pH	1434_02	Southern-Pacific RR upstream to the confluence of Reeds Creek west of Smithville	46	41	0	6.50	AD	FS	FS		No
2008	pH	1434_03	From the confluence of Reeds Creek west of Smithville upstream to the end of segment	45	41	0	6.50	AD	FS	FS		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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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:** 1434 **Colorado River above La Grange**

**Water body type:** Freshwater Stream

**Water body size:** 74 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2008	Ammonia	1434_02	Southern-Pacific RR upstream to the confluence of Reeds Creek west of Smithville	39	39	0	0.33	AD	NC	NC		No
2008	Ammonia	1434_03	From the confluence of Reeds Creek west of Smithville upstream to the end of segment	39	39	0	0.33	AD	NC	NC		No
2008	Chlorophyll-a	1434_02	Southern-Pacific RR upstream to the confluence of Reeds Creek west of Smithville	40	40	1	14.10	AD	NC	NC		No
2008	Chlorophyll-a	1434_03	From the confluence of Reeds Creek west of Smithville upstream to the end of segment	40	40	0	14.10	AD	NC	NC		No
2008	Nitrate	1434_02	Southern-Pacific RR upstream to the confluence of Reeds Creek west of Smithville	41	41	17	1.95	AD	CS	CS		No
2008	Nitrate	1434_03	From the confluence of Reeds Creek west of Smithville upstream to the end of segment	41	41	19	1.95	AD	CS	CS		No
2008	Orthophosphorus	1434_02	Southern-Pacific RR upstream to the confluence of Reeds Creek west of Smithville	41	41	18	0.37	AD	CS	CS		No
2008	Orthophosphorus	1434_03	From the confluence of Reeds Creek west of Smithville upstream to the end of segment	41	41	18	0.37	AD	CS	CS		No
2008	Total Phosphorus	1434_02	Southern-Pacific RR upstream to the confluence of Reeds Creek west of Smithville	41	41	6	0.69	AD	NC	NC		No
2008	Total Phosphorus	1434_03	From the confluence of Reeds Creek west of Smithville upstream to the end of segment	41	41	7	0.69	AD	NC	NC		No

2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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Segment ID: 1434 Colorado River above La Grange

Water body type: Freshwater Stream Water body size: 74 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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General Use

Water Temperature

2008	Temperature	1434_02	Southern-Pacific RR upstream to the confluence of Reeds Creek west of Smithville	47	42	0	35.00	AD	FS	FS		No
2008	Temperature	1434_03	From the confluence of Reeds Creek west of Smithville upstream to the end of segment	49	45	0	35.00	AD	FS	FS		No



## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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**Segment ID:** 1434 **Colorado River above La Grange**

**Water body type:** Freshwater Stream

**Water body size:** 74 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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### Public Water Supply Use

#### **Finished Drinking Water Dissolved Solids average**

2008	Multiple	1434_01	From a point 100 m downstream of SH 71 upstream to the Southern Pacific Railroad crossing					OE	NC	NC		No
2008	Multiple	1434_02	Southern-Pacific RR upstream to the confluence of Reeds Creek west of Smithville					OE	NC	NC		No
2008	Multiple	1434_03	From the confluence of Reeds Creek west of Smithville upstream to the end of segment					OE	NC	NC		No

#### **Finished Drinking Water MCLs and Toxic Substances running average**

2008	Multiple	1434_01	From a point 100 m downstream of SH 71 upstream to the Southern Pacific Railroad crossing					OE	FS	FS		No
2008	Multiple	1434_02	Southern-Pacific RR upstream to the confluence of Reeds Creek west of Smithville					OE	FS	FS		No
2008	Multiple	1434_03	From the confluence of Reeds Creek west of Smithville upstream to the end of segment					OE	FS	FS		No

#### **Finished Drinking Water MCLs Concern**

2008	Multiple	1434_01	From a point 100 m downstream of SH 71 upstream to the Southern Pacific Railroad crossing					OE	NC	NC		No
2008	Multiple	1434_02	Southern-Pacific RR upstream to the confluence of Reeds Creek west of Smithville					OE	NC	NC		No
2008	Multiple	1434_03	From the confluence of Reeds Creek west of Smithville upstream to the end of segment					OE	NC	NC		No

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**Segment ID:** 1434 **Colorado River above La Grange**

**Water body type:** Freshwater Stream

**Water body size:** 74 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2008	E. coli	1434_02	Southern-Pacific RR upstream to the confluence of Reeds Creek west of Smithville	41	41	0	42.84	126.00	AD	FS	FS	No
2008	E. coli	1434_03	From the confluence of Reeds Creek west of Smithville upstream to the end of segment	41	41	0	47.06	126.00	AD	FS	FS	No
2008	Fecal coliform	1434_02	Southern-Pacific RR upstream to the confluence of Reeds Creek west of Smithville	11	11	0	57.66	200.00	SM	FS	FS	No
2008	Fecal coliform	1434_03	From the confluence of Reeds Creek west of Smithville upstream to the end of segment	11	11	0	52.30	200.00	SM	FS	FS	No
<b>Bacteria Single Sample</b>												
2008	E. coli	1434_02	Southern-Pacific RR upstream to the confluence of Reeds Creek west of Smithville	41	41	2		394.00	AD	FS	FS	No
2008	E. coli	1434_03	From the confluence of Reeds Creek west of Smithville upstream to the end of segment	41	41	3		394.00	AD	FS	FS	No
2008	Fecal coliform	1434_02	Southern-Pacific RR upstream to the confluence of Reeds Creek west of Smithville	11	11	0		400.00	SM	FS	FS	No
2008	Fecal coliform	1434_03	From the confluence of Reeds Creek west of Smithville upstream to the end of segment	11	11	0		400.00	SM	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- Superseded by another method;  
 JQ- Assessor Judgement; OE- Other Information Evaluated; OS- Out-of-State; AU ID - Assessment Unit ID \*Note: Carry-forward refers to impairments without sufficient information in 2008 to re-evaluate the level of support.

**Segment ID: 1434B Cedar Creek (unclassified water body)**

**Water body type:** Freshwater Stream

**Water body size:** 21 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Aquatic Life Use</b>												
<b>Dissolved Oxygen 24hr average</b>												
2006	Dissolved Oxygen 24hr Avg	1434B_01 Entire water body	3	3	0		5.00	ID	NA	NA		No
<b>Dissolved Oxygen 24hr minimum</b>												
2006	Dissolved Oxygen 24hr Min	1434B_01 Entire water body	3	3	0		3.00	ID	NA	NA		No
<b>Dissolved Oxygen grab minimum</b>												
2006	Dissolved Oxygen Grab	1434B_01 Entire water body	30	28	1		3.00	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	1434B_01 Entire water body	30	28	5		5.00	AD	CS	CS		No
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2006	Ammonia	1434B_01 Entire water body	25	25	1		0.33	AD	NC	NC		No
2006	Chlorophyll-a	1434B_01 Entire water body	28	28	4		14.10	AD	NC	NC		No
2006	Nitrate	1434B_01 Entire water body	27	27	0		1.95	AD	NC	NC		No
2006	Orthophosphorus	1434B_01 Entire water body	25	25	0		0.37	AD	NC	NC		No
2006	Total Phosphorus	1434B_01 Entire water body	27	27	0		0.69	AD	NC	NC		No
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2006	E. coli	1434B_01 Entire water body	28	28		50.00	126.00	AD	FS	FS		No
2006	Fecal coliform	1434B_01 Entire water body	10	10		81.00	200.00	SM	FS	FS		No
<b>Bacteria Single Sample</b>												
2006	E. coli	1434B_01 Entire water body	28	28	1		394.00	AD	FS	FS		No
2006	Fecal coliform	1434B_01 Entire water body	10	10	1		400.00	SM	FS	FS		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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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: 1434C Lake Bastrop (unclassified water body)

**Water body type:** Reservoir

**Water body size:** 906 Acres

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Aquatic Life Use</b>												
<b>Dissolved Oxygen grab minimum</b>												
2006	Dissolved Oxygen Grab	1434C_01	South arm of lake near intake	30	30	0	3.00	AD	FS	FS		No
2006	Dissolved Oxygen Grab	1434C_02	Mid-lake	31	31	0	3.00	AD	FS	FS		No
2006	Dissolved Oxygen Grab	1434C_03	North arm of lake near discharge	30	30	0	3.00	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	1434C_01	South arm of lake near intake	30	30	1	5.00	AD	NC	NC		No
2006	Dissolved Oxygen Grab	1434C_02	Mid-lake	31	31	2	5.00	AD	NC	NC		No
2006	Dissolved Oxygen Grab	1434C_03	North arm of lake near discharge	30	30	1	5.00	AD	NC	NC		No
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2006	Ammonia	1434C_01	South arm of lake near intake	30	30	0	0.11	AD	NC	NC		No
2006	Ammonia	1434C_02	Mid-lake	29	29	0	0.11	AD	NC	NC		No
2006	Ammonia	1434C_03	North arm of lake near discharge	27	27	0	0.11	AD	NC	NC		No
2006	Chlorophyll-a	1434C_01	South arm of lake near intake	30	30	1	26.70	AD	NC	NC		No
2006	Chlorophyll-a	1434C_02	Mid-lake	30	30	5	26.70	AD	NC	NC		No
2006	Chlorophyll-a	1434C_03	North arm of lake near discharge	30	30	1	26.70	AD	NC	NC		No
2006	Nitrate	1434C_01	South arm of lake near intake	29	29	0	0.37	AD	NC	NC		No
2006	Nitrate	1434C_02	Mid-lake	29	29	0	0.37	AD	NC	NC		No
2006	Nitrate	1434C_03	North arm of lake near discharge	29	29	0	0.37	AD	NC	NC		No
2006	Orthophosphorus	1434C_01	South arm of lake near intake	30	30	0	0.05	AD	NC	NC		No
2006	Orthophosphorus	1434C_02	Mid-lake	29	29	0	0.05	AD	NC	NC		No
2006	Orthophosphorus	1434C_03	North arm of lake near discharge	28	28	0	0.05	AD	NC	NC		No
2006	Total Phosphorus	1434C_01	South arm of lake near intake	29	29	0	0.20	AD	NC	NC		No
2006	Total Phosphorus	1434C_02	Mid-lake	28	28	0	0.20	AD	NC	NC		No
2006	Total Phosphorus	1434C_03	North arm of lake near discharge	28	28	0	0.20	AD	NC	NC		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- Inadequate Data; LD- Limited Data; TR- Not Temporally Representative; SR- Not Spatially Representative; SM- Superseded by another method;  
 JQ- Assessor Judgement; OE- Other Information Evaluated; OS- Out-of-State; AU ID - Assessment Unit ID \*Note: Carry-forward refers to impairments without sufficient information in 2008 to re-evaluate the level of support.

**Segment ID:** 1434C      **Lake Bastrop (unclassified water body)**

**Water body type:** Reservoir

**Water body size:** 906 Acres

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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### Recreation Use

#### **Bacteria Geomean**

2006	E. coli	1434C_01	South arm of lake near intake	30	30		2.00	126.00	AD	FS	FS	No
2006	E. coli	1434C_02	Mid-lake	30	30		3.00	126.00	AD	FS	FS	No
2006	E. coli	1434C_03	North arm of lake near discharge	30	30		2.00	126.00	AD	FS	FS	No
2006	Fecal coliform	1434C_01	South arm of lake near intake	10	10		4.00	200.00	SM	FS	FS	No
2006	Fecal coliform	1434C_02	Mid-lake	10	10		6.00	200.00	SM	FS	FS	No
2006	Fecal coliform	1434C_03	North arm of lake near discharge	10	10		5.00	200.00	SM	FS	FS	No

#### **Bacteria Single Sample**

2006	E. coli	1434C_01	South arm of lake near intake	30	30	0		394.00	AD	FS	FS	No
2006	E. coli	1434C_02	Mid-lake	30	30	0		394.00	AD	FS	FS	No
2006	E. coli	1434C_03	North arm of lake near discharge	30	30	1		394.00	AD	FS	FS	No
2006	Fecal coliform	1434C_01	South arm of lake near intake	10	10	1		400.00	SM	FS	FS	No
2006	Fecal coliform	1434C_02	Mid-lake	10	10	0		400.00	SM	FS	FS	No
2006	Fecal coliform	1434C_03	North arm of lake near discharge	10	10	1		400.00	SM	FS	FS	No