

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Data; ID- Inadequate Data; LD- Limited Data; TR- Not Temporally Representative; SR- Not Spatially Representative; SM- Superseded by another method;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: 0101 Canadian River Below Lake Meredith

Water body type: Freshwater Stream

Water body size: 108 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
Aquatic Life Use												
Acute Toxic Substances in water												
2006	Multiple	0101_02	portion in Roberts County	2	2			ID	NA	NA		No
2006	Multiple	0101_03	portion in Hutchinson County	16	16			AD	FS	FS		No
2006	Multiple	0101_04	portion above Dixon Creek	2	2			ID	NA	NA		No
Chronic Toxic Substances in water												
2006	Multiple	0101_02	portion in Roberts County	2	2			ID	NA	NA		No
2006	Multiple	0101_03	portion in Hutchinson County	16	16			AD	FS	FS		No
2006	Multiple	0101_04	portion above Dixon Creek	2	2			ID	NA	NA		No
Dissolved Oxygen 24hr average												
2008	Dissolved Oxygen 24hr Avg	0101_02	portion in Roberts County	2	2	0	5.00	ID	NA	NA		No
Dissolved Oxygen 24hr minimum												
2008	Dissolved Oxygen 24hr Min	0101_02	portion in Roberts County	2	2	0	3.00	ID	NA	NA		No
Dissolved Oxygen grab minimum												
2008	Dissolved Oxygen Grab	0101_01	portion in Hemphill County	28	28	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	0101_02	portion in Roberts County	50	50	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	0101_03	portion in Hutchinson County	27	27	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	0101_04	portion above Dixon Creek	4	4	0	3.00	LD	NC	NC		No
Dissolved Oxygen grab screening level												
2008	Dissolved Oxygen Grab	0101_01	portion in Hemphill County	28	28	0	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	0101_02	portion in Roberts County	50	50	0	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	0101_03	portion in Hutchinson County	27	27	1	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	0101_04	portion above Dixon Creek	4	4	0	5.00	LD	NC	NC		No
Toxic Substances in sediment												
2006	Multiple	0101_01	portion in Hemphill County	4	4	0		LD	NC	NC		No
2006	Multiple	0101_02	portion in Roberts County	4	4	0		LD	NC	NC		No
2006	Multiple	0101_03	portion in Hutchinson County	4	4	0		LD	NC	NC		No
2006	Multiple	0101_04	portion above Dixon Creek	4	4	0		LD	NC	NC		No

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Segment ID: 0101 Canadian River Below Lake Meredith

Water body type: Freshwater Stream

Water body size: 108 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	Multiple	0101_01	portion in Hemphill County	19	19			AD	FS	FS		No
2006	Multiple	0101_02	portion in Roberts County	19	19			AD	FS	FS		No
2006	Multiple	0101_03	portion in Hutchinson County	19	19			AD	FS	FS		No
2006	Multiple	0101_04	portion above Dixon Creek	19	19			AD	FS	FS		No

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Segment ID: 0101 Canadian River Below Lake Meredith

Water body type: Freshwater Stream

Water body size: 108 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	0101_01	portion in Hemphill County	86	86		996.63	1,975.00	AD	FS	FS	No
2008	Chloride	0101_02	portion in Roberts County	86	86		996.63	1,975.00	AD	FS	FS	No
2008	Chloride	0101_03	portion in Hutchinson County	86	86		996.63	1,975.00	AD	FS	FS	No
2008	Chloride	0101_04	portion above Dixon Creek	86	86		996.63	1,975.00	AD	FS	FS	No
2008	Sulfate	0101_01	portion in Hemphill County	86	86		352.00	760.00	AD	FS	FS	No
2008	Sulfate	0101_02	portion in Roberts County	86	86		352.00	760.00	AD	FS	FS	No
2008	Sulfate	0101_03	portion in Hutchinson County	86	86		352.00	760.00	AD	FS	FS	No
2008	Sulfate	0101_04	portion above Dixon Creek	86	86		352.00	760.00	AD	FS	FS	No
2008	Total Dissolved Solids	0101_01	portion in Hemphill County	113	113		2,384.24	5,000.00	AD	FS	FS	No
2008	Total Dissolved Solids	0101_02	portion in Roberts County	113	113		2,384.24	5,000.00	AD	FS	FS	No
2008	Total Dissolved Solids	0101_03	portion in Hutchinson County	113	113		2,384.24	5,000.00	AD	FS	FS	No
2008	Total Dissolved Solids	0101_04	portion above Dixon Creek	113	113		2,384.24	5,000.00	AD	FS	FS	No
High pH												
2008	pH	0101_01	portion in Hemphill County	28	28	0		9.00	AD	FS	FS	No
2008	pH	0101_02	portion in Roberts County	50	50	0		9.00	AD	FS	FS	No
2008	pH	0101_03	portion in Hutchinson County	27	27	0		9.00	AD	FS	FS	No
2008	pH	0101_04	portion above Dixon Creek	4	4	0		9.00	LD	NC	NC	No
Low pH												
2008	pH	0101_01	portion in Hemphill County	28	28	0		6.50	AD	FS	FS	No
2008	pH	0101_02	portion in Roberts County	50	50	0		6.50	AD	FS	FS	No
2008	pH	0101_03	portion in Hutchinson County	27	27	0		6.50	AD	FS	FS	No
2008	pH	0101_04	portion above Dixon Creek	4	4	0		6.50	LD	NC	NC	No

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Segment ID: 0101 Canadian River Below Lake Meredith

Water body type: Freshwater Stream

Water body size: 108 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
General Use												
Nutrient Screening Levels												
2008	Ammonia	0101_01	portion in Hemphill County	28	28	0	0.33	AD	NC	NC		No
2008	Ammonia	0101_02	portion in Roberts County	27	27	0	0.33	AD	NC	NC		No
2008	Ammonia	0101_03	portion in Hutchinson County	26	26	16	0.33	AD	CS	CS		No
2008	Ammonia	0101_04	portion above Dixon Creek	3	3	0	0.33	ID	NA	NA		No
2008	Chlorophyll-a	0101_01	portion in Hemphill County	28	28	0	14.10	AD	NC	NC		No
2008	Chlorophyll-a	0101_02	portion in Roberts County	20	20	4	14.10	AD	NC	NC		No
2008	Chlorophyll-a	0101_03	portion in Hutchinson County	28	28	2	14.10	AD	NC	NC		No
2008	Nitrate	0101_01	portion in Hemphill County	28	28	0	1.95	AD	NC	NC		No
2008	Nitrate	0101_02	portion in Roberts County	27	27	0	1.95	AD	NC	NC		No
2008	Nitrate	0101_03	portion in Hutchinson County	27	27	6	1.95	AD	NC	NC		No
2008	Nitrate	0101_04	portion above Dixon Creek	3	3	3	1.95	ID	NA	NA		No
2008	Orthophosphorus	0101_01	portion in Hemphill County	28	28	0	0.37	AD	NC	NC		No
2008	Orthophosphorus	0101_02	portion in Roberts County	26	26	3	0.37	AD	NC	NC		No
2008	Orthophosphorus	0101_03	portion in Hutchinson County	26	26	1	0.37	AD	NC	NC		No
2008	Orthophosphorus	0101_04	portion above Dixon Creek	3	3	3	0.37	ID	NA	NA		No
2008	Total Phosphorus	0101_01	portion in Hemphill County	27	27	0	0.69	AD	NC	NC		No
2008	Total Phosphorus	0101_02	portion in Roberts County	19	19	0	0.69	AD	NC	NC		No
2008	Total Phosphorus	0101_03	portion in Hutchinson County	26	26	0	0.69	AD	NC	NC		No
Water Temperature												
2008	Temperature	0101_01	portion in Hemphill County	31	31	0	35.00	AD	FS	FS		No
2008	Temperature	0101_02	portion in Roberts County	50	50	0	35.00	AD	FS	FS		No
2008	Temperature	0101_03	portion in Hutchinson County	27	27	0	35.00	AD	FS	FS		No
2008	Temperature	0101_04	portion above Dixon Creek	4	4	0	35.00	LD	NC	NC		No

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Segment ID: 0101 Canadian River Below Lake Meredith

Water body type: Freshwater Stream

Water body size: 108 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	0101_01	portion in Hemphill County	23	23	0	51.45	126.00	AD	FS	FS	No
2008	E. coli	0101_02	portion in Roberts County	47	47	0	19.09	126.00	AD	FS	FS	No
2008	E. coli	0101_03	portion in Hutchinson County	23	23	0	113.76	126.00	AD	FS	FS	No
2008	E. coli	0101_04	portion above Dixon Creek	3	3	0	43.18	126.00	ID	NA	NA	No
2008	Fecal coliform	0101_01	portion in Hemphill County	14	14	0	24.65	200.00	AD	FS	FS	No
2008	Fecal coliform	0101_02	portion in Roberts County	35	35	0	13.94	200.00	AD	FS	FS	No
2008	Fecal coliform	0101_03	portion in Hutchinson County	12	12	0	51.53	200.00	AD	FS	FS	No
2008	Fecal coliform	0101_04	portion above Dixon Creek	3	3	0	31.53	200.00	ID	NA	NA	No
Bacteria Single Sample												
2008	E. coli	0101_01	portion in Hemphill County	23	23	3		394.00	AD	FS	FS	No
2008	E. coli	0101_02	portion in Roberts County	47	47	0		394.00	AD	FS	FS	No
2008	E. coli	0101_03	portion in Hutchinson County	23	23	5		394.00	AD	FS	FS	No
2008	E. coli	0101_04	portion above Dixon Creek	3	3	0		394.00	ID	NA	NA	No
2008	Fecal coliform	0101_01	portion in Hemphill County	14	14	0		400.00	AD	FS	FS	No
2008	Fecal coliform	0101_02	portion in Roberts County	35	35	0		400.00	AD	FS	FS	No
2008	Fecal coliform	0101_03	portion in Hutchinson County	12	12	1		400.00	AD	FS	FS	No
2008	Fecal coliform	0101_04	portion above Dixon Creek	3	3	0		400.00	ID	NA	NA	No

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Segment ID: 0101A Dixon Creek (unclassified water body)

Water body type: Freshwater Stream

Water body size: 19 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
Aquatic Life Use												
Acute Toxic Substances in water												
2006	Multiple	0101A_01 Dixon Creek downstream of Phillips	2	2				ID	NA	NA		No
2006	Selenium	0101A_01 Dixon Creek downstream of Phillips	2	2	0		219.00	ID	NA	NA		No
Chronic Toxic Substances in water												
2006	Multiple	0101A_01 Dixon Creek downstream of Phillips	2	2				ID	NA	NA		No
2006	Selenium	0101A_01 Dixon Creek downstream of Phillips	2	2	0		34.60	ID	NA	NA		No
Chronic Toxicity tests in whole sediment												
2006	Sediment Chronic Toxicity	0101A_01 Dixon Creek downstream of Phillips	1	1	0			ID				No
Dissolved Oxygen 24hr average												
2006	Dissolved Oxygen 24hr Avg	0101A_01 Dixon Creek downstream of Phillips	5	5	0		3.00	LD	NC	NC		No
2006	Dissolved Oxygen 24hr Avg	0101A_02 Dixon Creek upstream of Phillips	3	3	0		3.00	ID	NA	NA		No
Dissolved Oxygen 24hr minimum												
2006	Dissolved Oxygen 24hr Min	0101A_01 Dixon Creek downstream of Phillips	5	5	0		2.00	LD	NC	NC		No
2006	Dissolved Oxygen 24hr Min	0101A_02 Dixon Creek upstream of Phillips	3	3	0		2.00	ID	NA	NA		No
Dissolved Oxygen grab minimum												
2006	Dissolved Oxygen Grab	0101A_01 Dixon Creek downstream of Phillips	35	35	1		2.00	AD	FS	NS	5b	Yes
2006	Dissolved Oxygen Grab	0101A_02 Dixon Creek upstream of Phillips	15	15	0		2.00	AD	FS	FS		No
Dissolved Oxygen grab screening level												
2006	Dissolved Oxygen Grab	0101A_01 Dixon Creek downstream of Phillips	35	35	0		3.00	AD	NC	NC		No
2006	Dissolved Oxygen Grab	0101A_02 Dixon Creek upstream of Phillips	15	15	0		3.00	AD	NC	NC		No
Toxic Substances in sediment												
2006	Multiple	0101A_01 Dixon Creek downstream of Phillips	2	2				ID	NA	NA		No
2006	Multiple	0101A_02 Dixon Creek upstream of Phillips	2	2				ID	NA	NA		No
Fish Consumption Use												
HH Bioaccumulative Toxics in water												
2006	Multiple	0101A_01 Dixon Creek downstream of Phillips	2	2				ID	NA	NA		No
2006	Multiple	0101A_02 Dixon Creek upstream of Phillips	2	2				ID	NA	NA		No

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Segment ID: 0101A Dixon 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>
General Use												
Nutrient Screening Levels												
2006	Ammonia	0101A_01 Dixon Creek downstream of Phillips	20	20	1	0.33	AD	NC	NC			No
2006	Ammonia	0101A_02 Dixon Creek upstream of Phillips	7	7	0	0.33	LD	NC	NC			No
2006	Chlorophyll-a	0101A_01 Dixon Creek downstream of Phillips	12	12	1	14.10	AD	NC	NC			No
2006	Chlorophyll-a	0101A_02 Dixon Creek upstream of Phillips	4	4	2	14.10	LD	CS	CS			No
2006	Nitrate	0101A_01 Dixon Creek downstream of Phillips	20	20	12	1.95	AD	CS	CS			No
2006	Nitrate	0101A_02 Dixon Creek upstream of Phillips	7	7	0	1.95	LD	NC	NC			No
2006	Orthophosphorus	0101A_01 Dixon Creek downstream of Phillips	20	20	12	0.37	AD	CS	CS			No
2006	Orthophosphorus	0101A_02 Dixon Creek upstream of Phillips	7	7	0	0.37	LD	NC	NC			No
2006	Total Phosphorus	0101A_01 Dixon Creek downstream of Phillips	12	12	2	0.69	AD	NC	NC			No
2006	Total Phosphorus	0101A_02 Dixon Creek upstream of Phillips	4	4	0	0.69	LD	NC	NC			No
Recreation Use												
Bacteria Geomean												
2006	E. coli	0101A_01 Dixon Creek downstream of Phillips	27	27		206.00	126.00	AD	NS	NS	5c	No
2006	E. coli	0101A_02 Dixon Creek upstream of Phillips	9	9		63.00	126.00	LD	NC	NC		No
2006	Fecal coliform	0101A_01 Dixon Creek downstream of Phillips	22	22		160.00	200.00	SM	FS	FS		No
2006	Fecal coliform	0101A_02 Dixon Creek upstream of Phillips	9	9		48.00	200.00	LD	NC	NC		No
Bacteria Single Sample												
2006	E. coli	0101A_01 Dixon Creek downstream of Phillips	27	27	8	394.00	AD	CN	CN			No
2006	E. coli	0101A_02 Dixon Creek upstream of Phillips	9	9	1	394.00	LD	NC	NC			No
2006	Fecal coliform	0101A_01 Dixon Creek downstream of Phillips	22	22	5	400.00	SM	FS	FS			No
2006	Fecal coliform	0101A_02 Dixon Creek upstream of Phillips	9	9	1	400.00	LD	NC	NC			No

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Segment ID: 0101B Rock Creek (unclassified water body)

Water body type: Freshwater Stream

Water body size: 20 Miles

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Aquatic Life Use												
Acute Toxic Substances in water												
2006	Multiple	0101B_01	Perennial stream from the confluence with the Canadian River up to SH 136 in the City of Borger	4	4	0		LD	NC	NC		No
Chronic Toxic Substances in water												
2006	Multiple	0101B_01	Perennial stream from the confluence with the Canadian River up to SH 136 in the City of Borger	4	4	0		LD	NC	NC		No
Dissolved Oxygen 24hr average												
2006	Dissolved Oxygen 24hr Avg	0101B_01	Perennial stream from the confluence with the Canadian River up to SH 136 in the City of Borger	2	2	0	3.00	ID	NA	NA		No
Dissolved Oxygen 24hr minimum												
2006	Dissolved Oxygen 24hr Min	0101B_01	Perennial stream from the confluence with the Canadian River up to SH 136 in the City of Borger	2	2	0	2.00	ID	NA	NA		No
Dissolved Oxygen grab minimum												
2006	Dissolved Oxygen Grab	0101B_01	Perennial stream from the confluence with the Canadian River up to SH 136 in the City of Borger	43	43	0	2.00	AD	FS	FS		No
Dissolved Oxygen grab screening level												
2006	Dissolved Oxygen Grab	0101B_01	Perennial stream from the confluence with the Canadian River up to SH 136 in the City of Borger	43	43	0	3.00	AD	NC	NC		No
Toxic Substances in sediment												
2006	Multiple	0101B_01	Perennial stream from the confluence with the Canadian River up to SH 136 in the City of Borger	4	4	0		LD	NC	NC		No
2006	Multiple	0101B_02	Rock Creek above SH 136	4	4	0		LD	NC	NC		No

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Water body type: Freshwater Stream

Water body size: 20 Miles

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<u>Fish Consumption Use</u>												
HH Bioaccumulative Toxics in water												
2006	Multiple	0101B_01	Perennial stream from the confluence with the Canadian River up to SH 136 in the City of Borger	4	4			LD	NC	NC		No
2006	Multiple	0101B_02	Rock Creek above SH 136	4	4			LD	NC	NC		No
<u>General Use</u>												
Nutrient Screening Levels												
2006	Ammonia	0101B_01	Perennial stream from the confluence with the Canadian River up to SH 136 in the City of Borger	17	17	5	0.33	AD	NC	NC		No
2006	Chlorophyll-a	0101B_01	Perennial stream from the confluence with the Canadian River up to SH 136 in the City of Borger	8	8	2	14.10	LD	NC	NC		No
2006	Nitrate	0101B_01	Perennial stream from the confluence with the Canadian River up to SH 136 in the City of Borger	18	18	15	1.95	AD	CS	CS		No
2006	Orthophosphorus	0101B_01	Perennial stream from the confluence with the Canadian River up to SH 136 in the City of Borger	17	17	5	0.37	AD	NC	NC		No
2006	Total Phosphorus	0101B_01	Perennial stream from the confluence with the Canadian River up to SH 136 in the City of Borger	8	8	1	0.69	LD	NC	NC		No

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

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Segment ID: 0101B Rock Creek (unclassified water body)

Water body type: Freshwater Stream

Water body size: 20 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													
2006	E. coli	0101B_01	Perennial stream from the confluence with the Canadian River up to SH 136 in the City of Borger	38	37		196.00	126.00	AD	NS	NS	5c	No
2006	Fecal coliform	0101B_01	Perennial stream from the confluence with the Canadian River up to SH 136 in the City of Borger	35	34		111.00	200.00	SM	FS	FS		No
Bacteria Single Sample													
2006	E. coli	0101B_01	Perennial stream from the confluence with the Canadian River up to SH 136 in the City of Borger	38	37	12		394.00	AD	NS	NS	5c	No
2006	Fecal coliform	0101B_01	Perennial stream from the confluence with the Canadian River up to SH 136 in the City of Borger	35	34	8		400.00	SM	FS	FS		No

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Segment ID: 0102 Lake Meredith

Water body type: Reservoir

Water body size: 16,504 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	Multiple	0102_01	Downstream half of lake including Big Blue Creek arm	3	3			ID	NA	NA		No
2006	Multiple	0102_02	Upstream half of lake, above Big Blue Creek arm	2	2			ID	NA	NA		No
Chronic Toxic Substances in water												
2006	Multiple	0102_01	Downstream half of lake including Big Blue Creek arm	3	3			ID	NA	NA		No
2006	Multiple	0102_02	Upstream half of lake, above Big Blue Creek arm	2	2			ID	NA	NA		No
Dissolved Oxygen grab minimum												
2008	Dissolved Oxygen Grab	0102_01	Downstream half of lake including Big Blue Creek arm	94	15	0	4.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	0102_02	Upstream half of lake, above Big Blue Creek arm	50	15	0	4.00	AD	FS	FS		No
Dissolved Oxygen grab screening level												
2008	Dissolved Oxygen Grab	0102_01	Downstream half of lake including Big Blue Creek arm	94	15	0	6.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	0102_02	Upstream half of lake, above Big Blue Creek arm	50	15	0	6.00	AD	NC	NC		No
Toxic Substances in sediment												
2006	Multiple	0102_01	Downstream half of lake including Big Blue Creek arm	10	10	0		AD	NC	NC		No
2006	Multiple	0102_02	Upstream half of lake, above Big Blue Creek arm	10	10			AD	NC	NC		No

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

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Segment ID: 0102 Lake Meredith

Water body type: Reservoir

Water body size: 16,504 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>
Fish Consumption Use												
Bioaccumulative Toxics in fish tissue												
2006	Mercury	0102_01	Downstream half of lake including Big Blue Creek arm	25	25	8	0.53	AD	CS	CS		No
2006	Mercury	0102_02	Upstream half of lake, above Big Blue Creek arm	25	25	8	0.53	AD	CS	CS		No
2006	Multiple	0102_01	Downstream half of lake including Big Blue Creek arm	2	2			ID	NA	NA		No
2006	Multiple	0102_02	Upstream half of lake, above Big Blue Creek arm	2	2			ID	NA	NA		No
DSHS Advisories, Closures, and Risk Assessments												
2008	Mercury	0102_01	Downstream half of lake including Big Blue Creek arm					OE	NS	NS	5c	No
2008	Mercury	0102_02	Upstream half of lake, above Big Blue Creek arm					OE	NS	NS	5c	No
HH Bioaccumulative Toxics in water												
2006	Multiple	0102_01	Downstream half of lake including Big Blue Creek arm	10	10			AD	FS	FS		No
2006	Multiple	0102_02	Upstream half of lake, above Big Blue Creek arm	10	10			AD	FS	FS		No

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

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Segment ID: 0102 Lake Meredith

Water body type: Reservoir

Water body size: 16,504 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>	
General Use													
Dissolved Solids													
2008	Chloride	0102_01	Downstream half of lake including Big Blue Creek arm	159	159		473.02	400.00	AD	NS	NS	5c	No
2008	Chloride	0102_02	Upstream half of lake, above Big Blue Creek arm	159	159		473.02	400.00	AD	NS	NS	5c	No
2008	Sulfate	0102_01	Downstream half of lake including Big Blue Creek arm	157	157		398.97	350.00	AD	NS	NS	5c	No
2008	Sulfate	0102_02	Upstream half of lake, above Big Blue Creek arm	157	157		398.97	350.00	AD	NS	NS	5c	No
2008	Total Dissolved Solids	0102_01	Downstream half of lake including Big Blue Creek arm	162	162		1,633.68	1,300.00	AD	NS	NS	5c	No
2008	Total Dissolved Solids	0102_02	Upstream half of lake, above Big Blue Creek arm	162	162		1,633.68	1,300.00	AD	NS	NS	5c	No
High pH													
2008	pH	0102_01	Downstream half of lake including Big Blue Creek arm	170	100	0		9.00	AD	FS	FS		No
2008	pH	0102_02	Upstream half of lake, above Big Blue Creek arm	60	25	0		9.00	AD	FS	FS		No
Low pH													
2008	pH	0102_01	Downstream half of lake including Big Blue Creek arm	170	100	0		6.50	AD	FS	FS		No
2008	pH	0102_02	Upstream half of lake, above Big Blue Creek arm	60	25	0		6.50	AD	FS	FS		No

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Segment ID: 0102 Lake Meredith

Water body type: Reservoir

Water body size: 16,504 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>
General Use												
Nutrient Screening Levels												
2008	Ammonia	0102_01	Downstream half of lake including Big Blue Creek arm	14	14	0	0.11	AD	NC	NC		No
2008	Ammonia	0102_02	Upstream half of lake, above Big Blue Creek arm	15	15	1	0.11	AD	NC	NC		No
2008	Chlorophyll-a	0102_01	Downstream half of lake including Big Blue Creek arm	15	15	0	26.70	AD	NC	NC		No
2008	Chlorophyll-a	0102_02	Upstream half of lake, above Big Blue Creek arm	15	15	0	26.70	AD	NC	NC		No
2008	Nitrate	0102_01	Downstream half of lake including Big Blue Creek arm	76	76	0	0.37	AD	NC	NC		No
2008	Nitrate	0102_02	Upstream half of lake, above Big Blue Creek arm	15	15	0	0.37	AD	NC	NC		No
2008	Orthophosphorus	0102_01	Downstream half of lake including Big Blue Creek arm	15	15	2	0.05	AD	NC	NC		No
2008	Orthophosphorus	0102_02	Upstream half of lake, above Big Blue Creek arm	15	15	2	0.05	AD	NC	NC		No
2008	Total Phosphorus	0102_01	Downstream half of lake including Big Blue Creek arm	14	14	0	0.20	AD	NC	NC		No
2008	Total Phosphorus	0102_02	Upstream half of lake, above Big Blue Creek arm	15	15	0	0.20	AD	NC	NC		No
Water Temperature												
2008	Temperature	0102_01	Downstream half of lake including Big Blue Creek arm	169	87	0	29.40	AD	FS	FS		No
2008	Temperature	0102_02	Upstream half of lake, above Big Blue Creek arm	51	16	0	29.40	AD	FS	FS		No

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Segment ID: 0102 Lake Meredith

Water body type: Reservoir

Water body size: 16,504 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
Public Water Supply Use												
Finished Drinking Water Dissolved Solids average												
2008	Chloride	0102_01	Downstream half of lake including Big Blue Creek arm				300.00	OE	NC	NC		No
2008	Chloride	0102_02	Upstream half of lake, above Big Blue Creek arm				300.00	OE	NC	NC		No
2008	Total Dissolved Solids	0102_01	Downstream half of lake including Big Blue Creek arm				1,000.00	OE	NC	NC		No
2008	Total Dissolved Solids	0102_02	Upstream half of lake, above Big Blue Creek arm				1,000.00	OE	NC	NC		No
Finished Drinking Water MCLs and Toxic Substances running average												
2008	Multiple	0102_01	Downstream half of lake including Big Blue Creek arm					OE	FS	FS		No
2008	Multiple	0102_02	Upstream half of lake, above Big Blue Creek arm					OE	FS	FS		No
Finished Drinking Water MCLs Concern												
2008	Multiple	0102_01	Downstream half of lake including Big Blue Creek arm					OE	NC	NC		No
2008	Multiple	0102_02	Upstream half of lake, above Big Blue Creek arm					OE	NC	NC		No
Surface Water HH criteria for PWS average												
2006	Multiple	0102_01	51	51				AD	FS	FS		No
2006	Multiple	0102_02	51	51				AD	FS	FS		No
Surface Water Toxic Substances average concern												
2008	MTBE	0102_01	3	3				ID	NA	NA		No
2008	MTBE	0102_02	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: 0102 Lake Meredith

Water body type: Reservoir

Water body size: 16,504 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>
Recreation Use												
Bacteria Geomean												
2008	E. coli	0102_01	Downstream half of lake including Big Blue Creek arm	297	297	0	1.09	126.00	AD	FS	FS	No
2008	E. coli	0102_02	Upstream half of lake, above Big Blue Creek arm	68	68	0	1.17	126.00	AD	FS	FS	No
2008	Fecal coliform	0102_01	Downstream half of lake including Big Blue Creek arm	222	222	0	1.56	200.00	AD	FS	FS	No
2008	Fecal coliform	0102_02	Upstream half of lake, above Big Blue Creek arm	166	166	0	1.60	200.00	AD	FS	FS	No
Bacteria Single Sample												
2008	E. coli	0102_01	Downstream half of lake including Big Blue Creek arm	297	297	0		394.00	AD	FS	FS	No
2008	E. coli	0102_02	Upstream half of lake, above Big Blue Creek arm	68	68	0		394.00	AD	FS	FS	No
2008	Fecal coliform	0102_01	Downstream half of lake including Big Blue Creek arm	222	222	0		400.00	AD	FS	FS	No
2008	Fecal coliform	0102_02	Upstream half of lake, above Big Blue Creek arm	166	166	0		400.00	AD	FS	FS	No

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Segment ID: 0102A Big Blue Creek (unclassified water body)

Water body type: Freshwater Stream

Water body size: 28 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
Aquatic Life Use												
Dissolved Oxygen grab minimum												
2006	Dissolved Oxygen Grab	0102A_01 Entire creek	10	10	0		1.50	AD	FS	FS		No
Dissolved Oxygen grab screening level												
2006	Dissolved Oxygen Grab	0102A_01 Entire creek	10	10	0		2.00	AD	NC	NC		No
General Use												
Nutrient Screening Levels												
2006	Ammonia	0102A_01 Entire creek	10	10	0		0.33	AD	NC	NC		No
2006	Chlorophyll-a	0102A_01 Entire creek	3	3	1		14.10	ID	NA	NA		No
2006	Nitrate	0102A_01 Entire creek	10	10	0		1.95	AD	NC	NC		No
2006	Orthophosphorus	0102A_01 Entire creek	10	10	0		0.37	AD	NC	NC		No
2006	Total Phosphorus	0102A_01 Entire creek	3	3	0		0.69	ID	NA	NA		No
Recreation Use												
Bacteria Geomean												
2006	E. coli	0102A_01 Entire creek	10	10		82.00	126.00	AD	FS	FS		No
2006	Fecal coliform	0102A_01 Entire creek	10	10		80.00	200.00	AD	FS	FS		No
Bacteria Single Sample												
2006	E. coli	0102A_01 Entire creek	10	10	3		394.00	AD	FS	FS		No
2006	Fecal coliform	0102A_01 Entire creek	10	10	2		400.00	AD	FS	FS		No

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Segment ID: 0103 Canadian River Above Lake Meredith

Water body type: Freshwater Stream

Water body size: 111 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
Aquatic Life Use												
Acute Toxic Substances in water												
2006	Multiple	0103_02	Sand Creek to Punta de Agua Creek	3	3			ID	NA	NA		No
2006	Multiple	0103_03	Punta de Agua Creek to New Mexico State Line	2	2			ID	NA	NA		No
Chronic Toxic Substances in water												
2006	Multiple	0103_02	Sand Creek to Punta de Agua Creek	3	3			ID	NA	NA		No
2006	Multiple	0103_03	Punta de Agua Creek to New Mexico State Line	2	2			ID	NA	NA		No
Dissolved Oxygen grab minimum												
2008	Dissolved Oxygen Grab	0103_01	Lake Meredith headwaters to Sand Creek	54	54	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	0103_02	Sand Creek to Punta de Agua Creek	27	27	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	0103_03	Punta de Agua Creek to New Mexico State Line	26	26	0	3.00	AD	FS	FS		No
Dissolved Oxygen grab screening level												
2008	Dissolved Oxygen Grab	0103_01	Lake Meredith headwaters to Sand Creek	54	54	0	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	0103_02	Sand Creek to Punta de Agua Creek	27	27	0	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	0103_03	Punta de Agua Creek to New Mexico State Line	26	26	0	5.00	AD	NC	NC		No
Fish Consumption Use												
HH Bioaccumulative Toxics in water												
2006	Multiple	0103_01	Lake Meredith headwaters to Sand Creek	10	10			AD	FS	FS		No
2006	Multiple	0103_02	Sand Creek to Punta de Agua Creek	10	10			AD	FS	FS		No
2006	Multiple	0103_03	Punta de Agua Creek to New Mexico State Line	10	10			AD	FS	FS		No

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Segment ID: 0103 Canadian River Above Lake Meredith

Water body type: Freshwater Stream

Water body size: 111 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	0103_01	Lake Meredith headwaters to Sand Creek	95	95		1,178.98	1,050.00	AD	NS	NS	5c	No
2008	Chloride	0103_02	Sand Creek to Punta de Agua Creek	95	95		1,178.98	1,050.00	AD	NS	NS	5c	No
2008	Chloride	0103_03	Punta de Agua Creek to New Mexico State Line	95	95		1,178.98	1,050.00	AD	NS	NS	5c	No
2008	Sulfate	0103_01	Lake Meredith headwaters to Sand Creek	95	95		439.74	540.00	AD	FS	FS		No
2008	Sulfate	0103_02	Sand Creek to Punta de Agua Creek	95	95		439.74	540.00	AD	FS	FS		No
2008	Sulfate	0103_03	Punta de Agua Creek to New Mexico State Line	95	95		439.74	540.00	AD	FS	FS		No
2008	Total Dissolved Solids	0103_01	Lake Meredith headwaters to Sand Creek	109	109		2,915.42	4,500.00	AD	FS	FS		No
2008	Total Dissolved Solids	0103_02	Sand Creek to Punta de Agua Creek	109	109		2,915.42	4,500.00	AD	FS	FS		No
2008	Total Dissolved Solids	0103_03	Punta de Agua Creek to New Mexico State Line	109	109		2,915.42	4,500.00	AD	FS	FS		No
High pH													
2008	pH	0103_01	Lake Meredith headwaters to Sand Creek	55	55	0		9.00	AD	FS	FS		No
2008	pH	0103_02	Sand Creek to Punta de Agua Creek	27	27	0		9.00	AD	FS	FS		No
2008	pH	0103_03	Punta de Agua Creek to New Mexico State Line	26	26	0		9.00	AD	FS	FS		No
Low pH													
2008	pH	0103_01	Lake Meredith headwaters to Sand Creek	55	55	0		6.50	AD	FS	FS		No
2008	pH	0103_02	Sand Creek to Punta de Agua Creek	27	27	0		6.50	AD	FS	FS		No
2008	pH	0103_03	Punta de Agua Creek to New Mexico State Line	26	26	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: 0103 Canadian River Above Lake Meredith

Water body type: Freshwater Stream

Water body size: 111 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
General Use												
Nutrient Screening Levels												
2008	Ammonia	0103_01	Lake Meredith headwaters to Sand Creek	36	36	0	0.33	AD	NC	NC		No
2008	Ammonia	0103_02	Sand Creek to Punta de Agua Creek	27	27	0	0.33	AD	NC	NC		No
2008	Ammonia	0103_03	Punta de Agua Creek to New Mexico State Line	26	26	0	0.33	AD	NC	NC		No
2008	Chlorophyll-a	0103_01	Lake Meredith headwaters to Sand Creek	13	13	1	14.10	AD	NC	NC		No
2008	Chlorophyll-a	0103_02	Sand Creek to Punta de Agua Creek	27	27	4	14.10	AD	NC	NC		No
2008	Chlorophyll-a	0103_03	Punta de Agua Creek to New Mexico State Line	26	26	0	14.10	AD	NC	NC		No
2008	Nitrate	0103_01	Lake Meredith headwaters to Sand Creek	36	36	4	1.95	AD	NC	NC		No
2008	Nitrate	0103_02	Sand Creek to Punta de Agua Creek	28	28	0	1.95	AD	NC	NC		No
2008	Nitrate	0103_03	Punta de Agua Creek to New Mexico State Line	26	26	0	1.95	AD	NC	NC		No
2008	Orthophosphorus	0103_01	Lake Meredith headwaters to Sand Creek	38	38	1	0.37	AD	NC	NC		No
2008	Orthophosphorus	0103_02	Sand Creek to Punta de Agua Creek	26	26	0	0.37	AD	NC	NC		No
2008	Orthophosphorus	0103_03	Punta de Agua Creek to New Mexico State Line	26	26	0	0.37	AD	NC	NC		No
2008	Total Phosphorus	0103_01	Lake Meredith headwaters to Sand Creek	16	16	1	0.69	AD	NC	NC		No
2008	Total Phosphorus	0103_02	Sand Creek to Punta de Agua Creek	28	28	3	0.69	AD	NC	NC		No
2008	Total Phosphorus	0103_03	Punta de Agua Creek to New Mexico State Line	26	26	2	0.69	AD	NC	NC		No
Water Temperature												
2008	Temperature	0103_01	Lake Meredith headwaters to Sand Creek	55	55	0	35.00	AD	FS	FS		No
2008	Temperature	0103_02	Sand Creek to Punta de Agua Creek	27	27	0	35.00	AD	FS	FS		No
2008	Temperature	0103_03	Punta de Agua Creek to New Mexico State Line	26	26	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: 0103 Canadian River Above Lake Meredith

Water body type: Freshwater Stream

Water body size: 111 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	0103_01	Lake Meredith headwaters to Sand Creek	22	22	0	68.69	126.00	AD	FS	FS	No
2008	E. coli	0103_02	Sand Creek to Punta de Agua Creek	23	23	0	90.61	126.00	AD	FS	FS	No
2008	E. coli	0103_03	Punta de Agua Creek to New Mexico State Line	22	22	0	17.42	126.00	AD	FS	FS	No
2008	Fecal coliform	0103_01	Lake Meredith headwaters to Sand Creek	12	12	0	22.50	200.00	AD	FS	FS	No
2008	Fecal coliform	0103_02	Sand Creek to Punta de Agua Creek	12	12	0	44.49	200.00	AD	FS	FS	No
2008	Fecal coliform	0103_03	Punta de Agua Creek to New Mexico State Line	13	13	0	36.17	200.00	AD	FS	FS	No
Bacteria Single Sample												
2008	E. coli	0103_01	Lake Meredith headwaters to Sand Creek	22	22	3		394.00	AD	FS	FS	No
2008	E. coli	0103_02	Sand Creek to Punta de Agua Creek	23	23	4		394.00	AD	FS	FS	No
2008	E. coli	0103_03	Punta de Agua Creek to New Mexico State Line	22	22	0		394.00	AD	FS	FS	No
2008	Fecal coliform	0103_01	Lake Meredith headwaters to Sand Creek	12	12	1		400.00	AD	FS	FS	No
2008	Fecal coliform	0103_02	Sand Creek to Punta de Agua Creek	12	12	1		400.00	AD	FS	FS	No
2008	Fecal coliform	0103_03	Punta de Agua Creek to New Mexico State Line	13	13	2		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: 0103A East Amarillo Creek (unclassified water body)

Water body type: Freshwater Stream

Water body size: 23 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
Aquatic Life Use												
Dissolved Oxygen grab minimum												
2006	Dissolved Oxygen Grab	0103A_01 Entire water body	36	36	0		1.50	AD	FS	FS		No
Dissolved Oxygen grab screening level												
2006	Dissolved Oxygen Grab	0103A_01 Entire water body	36	36	0		2.00	AD	NC	NC		No
General Use												
Nutrient Screening Levels												
2006	Ammonia	0103A_01 Entire water body	16	16	2		0.33	AD	NC	NC		No
2006	Chlorophyll-a	0103A_01 Entire water body	14	14	5		14.10	AD	CS	CS		No
2006	Nitrate	0103A_01 Entire water body	16	16	10		1.95	AD	CS	CS		No
2006	Orthophosphorus	0103A_01 Entire water body	15	15	3		0.37	AD	NC	NC		No
2006	Total Phosphorus	0103A_01 Entire water body	13	13	2		0.69	AD	NC	NC		No
Recreation Use												
Bacteria Geomean												
2006	E. coli	0103A_01 Entire water body	35	35		104.00	126.00	AD	FS	FS		No
2006	Fecal coliform	0103A_01 Entire water body	29	29		59.00	200.00	AD	FS	FS		No
Bacteria Single Sample												
2006	E. coli	0103A_01 Entire water body	35	35	8		394.00	AD	FS	FS		No
2006	Fecal coliform	0103A_01 Entire water body	29	29	4		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: 0104 Wolf 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>
Aquatic Life Use												
Acute Toxic Substances in water												
2006	Multiple	0104_02	Plum Creek to Lake Fryer Dam	2	2			ID	NA	NA		No
Chronic Toxic Substances in water												
2006	Multiple	0104_02	Plum Creek to Lake Fryer Dam	2	2			ID	NA	NA		No
Dissolved Oxygen 24hr average												
2008	Dissolved Oxygen 24hr Avg	0104_02	Plum Creek to Lake Fryer Dam	2	2	0	5.00	ID	NA	NA		No
Dissolved Oxygen 24hr minimum												
2008	Dissolved Oxygen 24hr Min	0104_02	Plum Creek to Lake Fryer Dam	2	2	0	3.00	ID	NA	NA		No
Dissolved Oxygen grab minimum												
2008	Dissolved Oxygen Grab	0104_01	Oklahoma State Line to Plum Creek	13	13	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	0104_02	Plum Creek to Lake Fryer Dam	38	38	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	0104_03	Lake Fryer to upstream end of segment	51	19	0	3.00	AD	FS	FS		No
Dissolved Oxygen grab screening level												
2008	Dissolved Oxygen Grab	0104_01	Oklahoma State Line to Plum Creek	13	13	1	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	0104_02	Plum Creek to Lake Fryer Dam	38	38	2	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	0104_03	Lake Fryer to upstream end of segment	51	19	0	5.00	AD	NC	NC		No
Toxic Substances in sediment												
2006	Multiple	0104_01	Oklahoma State Line to Plum Creek	2	2			ID	NA	NA		No
2006	Multiple	0104_02	Plum Creek to Lake Fryer Dam	2	2			ID	NA	NA		No
2006	Multiple	0104_03	Lake Fryer to upstream end of segment	2	2			ID	NA	NA		No
Fish Consumption Use												
HH Bioaccumulative Toxics in water												
2006	Multiple	0104_01	Oklahoma State Line to Plum Creek	2	2			ID	NA	NA		No
2006	Multiple	0104_02	Plum Creek to Lake Fryer Dam	2	2			ID	NA	NA		No
2006	Multiple	0104_03	Lake Fryer to upstream end of segment	2	2			ID	NA	NA		No

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Segment ID: 0104 Wolf 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>
General Use												
Dissolved Solids												
2008	Chloride	0104_01	Oklahoma State Line to Plum Creek	57	57		215.81	420.00	AD	FS	FS	No
2008	Chloride	0104_02	Plum Creek to Lake Fryer Dam	57	57		215.81	420.00	AD	FS	FS	No
2008	Chloride	0104_03	Lake Fryer to upstream end of segment	57	57		215.81	420.00	AD	FS	FS	No
2008	Sulfate	0104_01	Oklahoma State Line to Plum Creek	57	57		50.51	125.00	AD	FS	FS	No
2008	Sulfate	0104_02	Plum Creek to Lake Fryer Dam	57	57		50.51	125.00	AD	FS	FS	No
2008	Sulfate	0104_03	Lake Fryer to upstream end of segment	57	57		50.51	125.00	AD	FS	FS	No
2008	Total Dissolved Solids	0104_01	Oklahoma State Line to Plum Creek	76	76		664.75	1,125.00	AD	FS	FS	No
2008	Total Dissolved Solids	0104_02	Plum Creek to Lake Fryer Dam	76	76		664.75	1,125.00	AD	FS	FS	No
2008	Total Dissolved Solids	0104_03	Lake Fryer to upstream end of segment	76	76		664.75	1,125.00	AD	FS	FS	No
High pH												
2008	pH	0104_01	Oklahoma State Line to Plum Creek	13	13	0		9.00	AD	FS	FS	No
2008	pH	0104_02	Plum Creek to Lake Fryer Dam	39	39	0		9.00	AD	FS	FS	No
2008	pH	0104_03	Lake Fryer to upstream end of segment	51	19	0		9.00	AD	FS	FS	No
Low pH												
2008	pH	0104_01	Oklahoma State Line to Plum Creek	13	13	0		6.50	AD	FS	FS	No
2008	pH	0104_02	Plum Creek to Lake Fryer Dam	39	39	0		6.50	AD	FS	FS	No
2008	pH	0104_03	Lake Fryer to upstream end of segment	51	19	0		6.50	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: 0104 Wolf 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>
General Use												
Nutrient Screening Levels												
2008	Ammonia	0104_01	Oklahoma State Line to Plum Creek	13	13	0	0.33	AD	NC	NC		No
2008	Ammonia	0104_02	Plum Creek to Lake Fryer Dam	25	25	0	0.33	AD	NC	NC		No
2008	Ammonia	0104_03	Lake Fryer to upstream end of segment	19	19	0	0.33	AD	NC	NC		No
2008	Chlorophyll-a	0104_01	Oklahoma State Line to Plum Creek	13	13	0	14.10	AD	NC	NC		No
2008	Chlorophyll-a	0104_02	Plum Creek to Lake Fryer Dam	18	18	2	14.10	AD	NC	NC		No
2008	Chlorophyll-a	0104_03	Lake Fryer to upstream end of segment	19	19	10	14.10	AD	CS	CS		No
2008	Nitrate	0104_01	Oklahoma State Line to Plum Creek	13	13	0	1.95	AD	NC	NC		No
2008	Nitrate	0104_02	Plum Creek to Lake Fryer Dam	25	25	0	1.95	AD	NC	NC		No
2008	Nitrate	0104_03	Lake Fryer to upstream end of segment	19	19	0	1.95	AD	NC	NC		No
2008	Orthophosphorus	0104_01	Oklahoma State Line to Plum Creek	13	13	0	0.37	AD	NC	NC		No
2008	Orthophosphorus	0104_02	Plum Creek to Lake Fryer Dam	24	24	1	0.37	AD	NC	NC		No
2008	Orthophosphorus	0104_03	Lake Fryer to upstream end of segment	19	19	0	0.37	AD	NC	NC		No
2008	Total Phosphorus	0104_01	Oklahoma State Line to Plum Creek	13	13	0	0.69	AD	NC	NC		No
2008	Total Phosphorus	0104_02	Plum Creek to Lake Fryer Dam	17	17	0	0.69	AD	NC	NC		No
2008	Total Phosphorus	0104_03	Lake Fryer to upstream end of segment	19	19	0	0.69	AD	NC	NC		No
Water Temperature												
2008	Temperature	0104_01	Oklahoma State Line to Plum Creek	13	13	0	33.90	AD	FS	FS		No
2008	Temperature	0104_02	Plum Creek to Lake Fryer Dam	43	43	0	33.90	AD	FS	FS		No
2008	Temperature	0104_03	Lake Fryer to upstream end of segment	51	19	0	33.90	AD	FS	FS		No

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Segment ID: 0104 Wolf 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>
Recreation Use												
Bacteria Geomean												
2008	E. coli	0104_01	Oklahoma State Line to Plum Creek	13	13	0	37.08	126.00	AD	FS	FS	No
2008	E. coli	0104_02	Plum Creek to Lake Fryer Dam	37	37	0	126.00	126.00	AD	FS	FS	No
2008	E. coli	0104_03	Lake Fryer to upstream end of segment	19	19	0	2.36	126.00	AD	FS	FS	No
2008	Fecal coliform	0104_02	Plum Creek to Lake Fryer Dam	23	23	0	120.73	200.00	AD	FS	FS	No
2008	Fecal coliform	0104_03	Lake Fryer to upstream end of segment	4	4	0	1.93	200.00	LD	NC	NC	No
Bacteria Single Sample												
2008	E. coli	0104_01	Oklahoma State Line to Plum Creek	13	13	0		394.00	AD	FS	FS	No
2008	E. coli	0104_02	Plum Creek to Lake Fryer Dam	37	37	4		394.00	AD	FS	FS	No
2008	E. coli	0104_03	Lake Fryer to upstream end of segment	19	19	0		394.00	AD	FS	FS	No
2008	Fecal coliform	0104_02	Plum Creek to Lake Fryer Dam	23	23	2		400.00	AD	FS	FS	No
2008	Fecal coliform	0104_03	Lake Fryer to upstream end of segment	4	4	0		400.00	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: 0105 Rita Blanca Lake

Water body type: Reservoir

Water body size: 524 Acres

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
Aquatic Life Use												
Dissolved Oxygen grab minimum												
2008	Dissolved Oxygen Grab	0105_01	Entire segment	17	17	0	2.00	AD	FS	FS		No
Dissolved Oxygen grab screening level												
2008	Dissolved Oxygen Grab	0105_01	Entire segment	17	17	0	3.00	AD	NC	NC		No
General Use												
Dissolved Solids												
2008	Chloride	0105_01	Entire segment	16	16		176.38	AD	FS	FS		No
2008	Sulfate	0105_01	Entire segment	16	16		79.75	AD	FS	FS		No
2008	Total Dissolved Solids	0105_01	Entire segment	17	17		852.86	AD	FS	FS		No
High pH												
2008	pH	0105_01	Entire segment	17	17	13	9.00	AD	NS	NS	5c	No
Low pH												
2008	pH	0105_01	Entire segment	17	17	0	6.50	AD	FS	FS		No
Nutrient Screening Levels												
2008	Ammonia	0105_01	Entire segment	15	15	10	0.11	AD	CS	CS		No
2008	Chlorophyll-a	0105_01	Entire segment	16	16	13	26.70	AD	CS	CS		No
2008	Nitrate	0105_01	Entire segment	16	16	5	0.37	AD	NC	NC		No
2008	Orthophosphorus	0105_01	Entire segment	16	16	16	0.05	AD	CS	CS		No
2008	Total Phosphorus	0105_01	Entire segment	16	16	16	0.20	AD	CS	CS		No
Water Temperature												
2008	Temperature	0105_01	Entire segment	17	17	0	29.40	AD	FS	FS		No
Recreation Use												
Bacteria Geomean												
2008	E. coli	0105_01	Entire segment	17	17	0	38.84	AD	FS	FS		No
2008	Fecal coliform	0105_01	Entire segment	2	2	0	75.83	ID	NA	NA		No
Bacteria Single Sample												
2008	E. coli	0105_01	Entire segment	17	17	2	394.00	AD	FS	FS		No
2008	Fecal coliform	0105_01	Entire segment	2	2	0	400.00	ID	NA	NA		No

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Segment ID: 0199A Palo Duro Reservoir (unclassified water body)

Water body type: Reservoir

Water body size: 2,410 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	Multiple	0199A_01 Entire reservoir	3	3				ID	NA	NA		No
Chronic Toxic Substances in water												
2006	Multiple	0199A_01 Entire reservoir	3	3				ID	NA	NA		No
Dissolved Oxygen 24hr average												
2006	Dissolved Oxygen 24hr Avg	0199A_01 Entire reservoir	9	9	1		5.00	LD	NC	NC		No
Dissolved Oxygen 24hr minimum												
2006	Dissolved Oxygen 24hr Min	0199A_01 Entire reservoir	9	9	0		3.00	LD	NC	NC		No
Dissolved Oxygen grab minimum												
2006	Dissolved Oxygen Grab	0199A_01 Entire reservoir	10	10	0		3.00	AD	FS	NS	5c	Yes
Dissolved Oxygen grab screening level												
2006	Dissolved Oxygen Grab	0199A_01 Entire reservoir	10	10	0		5.00	AD	NC	NC		No
Toxic Substances in sediment												
2006	Multiple	0199A_01 Entire reservoir	2	2				ID	NA	NA		No
Fish Consumption Use												
HH Bioaccumulative Toxics in water												
2006	Multiple	0199A_01 Entire reservoir	3	3				ID	NA	NA		No
General Use												
Nutrient Screening Levels												
2006	Ammonia	0199A_01 Entire reservoir	10	10	4		0.11	AD	CS	CS		No
2006	Chlorophyll-a	0199A_01 Entire reservoir	10	10	0		26.70	AD	NC	NC		No
2006	Nitrate	0199A_01 Entire reservoir	10	10	0		0.37	AD	NC	NC		No
2006	Orthophosphorus	0199A_01 Entire reservoir	10	10	3		0.05	AD	NC	NC		No
2006	Total Phosphorus	0199A_01 Entire reservoir	10	10	1		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: 0199A Palo Duro Reservoir (unclassified water body)

Water body type: Reservoir

Water body size: 2,410 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>
Recreation Use												
Bacteria Geomean												
2006	E. coli	0199A_01 Entire reservoir	8	8		1.00	126.00	LD	NC	NC		No
2006	Fecal coliform	0199A_01 Entire reservoir	10	10		2.00	200.00	AD	FS	FS		No
Bacteria Single Sample												
2006	E. coli	0199A_01 Entire reservoir	8	8	0		394.00	LD	NC	NC		No
2006	Fecal coliform	0199A_01 Entire reservoir	10	10	0		400.00	AD	FS	FS		No