

Appendix J

Impaired Waterbodies

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Waterbody Name	Designated Use	Use Support/ Attainment	Impairment	TMDL Priority
Montana - Steele City Segment				
Frenchman Creek	Aquatic Life	Partial Support	Alteration in stream-side or littoral vegetative covers; Chlorophyll-a; Low flow alterations	TMDL's not started 2009-2012
	Fisheries (Non-Salmonid)	Partial Support		
	Agriculture	Partial Support	Low flow alterations	
	Industry	Partial Support		
	Drinking Water (Human Health)	Full Support		
	Recreation	Partial Support	Low flow alterations	
Buggy Creek	Aquatic Life	Partial Support	Iron	TMDL's not started 2009-2012
	Fisheries (Non-Salmonid)	Partial Support		
	Agriculture	Full Support		
	Industry	Full Support		
	Drinking Water (Human Health)	Full Support		
	Recreation	Full Support		
Cherry Creek	Aquatic Life	Partial Support	Iron	TMDL's not started 2009-2012
	Fisheries (Non-Salmonid)	Partial Support		
	Agriculture	Full Support		
	Industry	Full Support		
	Drinking Water (Human Health)	Full Support		
	Recreation	Full Support		

Appendix J Impaired Waterbodies

Waterbody Name	Designated Use	Use Support/ Attainment	Impairment	TMDL Priority	
Milk River	Aquatic Life	Not Assessed		TMDL's not started 2009-2012	
	Fisheries (Non-Salmonid)	Not Assessed			
	Agriculture	Partial Support	Fecal Coliform		
	Industry	Partial Support			
	Drinking Water (Human Health)	Not Supported	Lead; Mercury		
	Recreation	Threatened	Fecal Coliform		
Missouri River	Aquatic Life	Partial Support	Alteration in stream-side or littoral vegetative cover; Other flow regime alterations; Temperature, water	TMDL's not started 2009-2012	
	Fisheries (Salmonid)	Partial Support			
	Agriculture	Full Support			
	Industry	Full Support			
	Drinking Water (Human Health)	Full Support			
	Recreation	Full Support			
Middle Fork Prairie Elk Creek	Aquatic Life	Partial Support	Alteration in stream-side or littoral vegetative cover; Phosphorus (Total); Physical substrate habitat alterations; Total Kjehidahl Nitrogen (TKN)	TMDL's not started 2009-2012	
	Fisheries (Non-Salmonid)	Partial Support			
	Recreation	Not Assessed			
	Agriculture	Not Assessed			
	Industry	Not Assessed			
	Drinking Water (Human Health)	Not Assessed			

Appendix J Impaired Waterbodies

Waterbody Name	Designated Use	Use Support/ Attainment	Impairment	TMDL Priority
East Fork Prairie Elk Creek	Aquatic Life	Partial Support	Alteration in stream-side or littoral vegetative cover; Phosphorus (Total); Physical substrate habitat alterations; TKN	TMDL's not started 2009-2012
	Fisheries (Non-Salmonid)	Partial Support		
	Recreation	Not Assessed		
	Agriculture	Not Assessed		
	Industry	Not Assessed		
	Drinking Water (Human Health)	Not Assessed		
Yellowstone River	Aquatic Life	Not Assessed		TMDL not required
	Fisheries (Non-Salmonid)	Partial Support	Fish-Passage Barrier	
	Agriculture	Full Support		
	Industry	Full Support		
	Drinking Water (Human Health)	Not Assessed		
	Recreation	Not Assessed		
Yellowstone River	Aquatic Life	Not Assessed		TMDL not required
	Fisheries (Non-Salmonid)	Partial Support	Fish-Passage Barrier	
	Agriculture	Full Support		
	Industry	Full Support		
	Drinking Water (Human Health)	Not Assessed		
	Recreation	Not Assessed		

Appendix J Impaired Waterbodies

Waterbody Name	Designated Use	Use Support/ Attainment	Impairment	TMDL Priority
Cabin Creek	Aquatic Life	Not Supported	Oxygen, Dissolved; Sedimentation/ Siltation; TKN	TMDL's not started 2009-2012
	Fisheries (Non-Salmonid)	Not Supported		
	Recreation	Full Support		
	Agriculture	Not Assessed		
	Industry	Not Assessed		
	Drinking Water (Human Health)	Not Assessed		
Cabin Creek	Aquatic Life	Not Supported	Oxygen, Dissolved; Sedimentation/ Siltation; TKN	TMDL's not started 2009-2012
	Fisheries (Non-Salmonid)			
	Recreation			
	Agriculture	Not Assessed		
	Industry	Not Assessed		
	Drinking Water (Human Health)	Not Assessed		
Pennel Creek	Aquatic Life	Partial Support	Total Dissolved Solids	TMDL's not started 2009-2012
	Fisheries (Non-Salmonid)	Partial Support		
	Recreation	Full Support		
	Agriculture	Not Assessed		
	Industry	Not Assessed		
	Drinking Water (Human Health)	Not Assessed		

Appendix J Impaired Waterbodies

Waterbody Name	Designated Use	Use Support/ Attainment	Impairment	TMDL Priority
Sandstone Creek	Aquatic Life	Partial Support	Nitrate/Nitrite (Nitrite + Nitrate as N); TKN	TMDL's not started 2009-2012
	Fisheries (Non-Salmonid)	Partial Support		
	Recreation	Full Support		
	Agriculture	Not Assessed		
	Industry	Not Assessed		
	Drinking Water (Human Health)	Not Assessed		
South Dakota – Steele City Segment				
South Fork Grand River	Warmwater semi permanent fish life propagation	Nonsupport	Total Suspended Solids	
	Limited-contact recreation	Full Support		
	Fish/Wildlife Prop, Rec, Stock	Full Support		
	Irrigation	Nonsupport	Salinity	
South Fork Moreau River	Warmwater marginal fish life propagation	Full Support		
	Limited-contact recreation	Full Support		
	Fish/Wildlife Prop, Rec, Stock	Full Support		
	Irrigation	Nonsupport	Specific Conductance	

Appendix J Impaired Waterbodies

Waterbody Name	Designated Use	Use Support/ Attainment	Impairment	TMDL Priority
Cheyenne River	Warmwater permanent fish life propagation	Nonsupport	Total Suspended Solids	
	Immersion recreation	Nonsupport	Fecal Coliform	
	Limited-contact recreation	Full Support		
	Fish/Wildlife Prop, Rec, Stock	Full Support		
	Irrigation	Full Support		
White River	Warmwater semi permanent fish life propagation	Nonsupport	Total Suspended Solids	
	Limited-contact recreation	Nonsupport	Fecal Coliform	
	Fish/Wildlife Prop, Rec, Stock	Full Support		
	Irrigation	Full Support		
Ponca Creek	Warmwater semi permanent fish life propagation	Nonsupport	Total Suspended Solids	
	Limited-contact recreation	Nonsupport	Fecal Coliform	
	Fish/Wildlife Prop, Rec, Stock	Full Support		
	Irrigation	Full Support		
Nebraska				
Keya Paha River	Recreation	Impaired	E. coli	
	Class A Warmwater Aquatic Life	Supported		
	Agricultural Water Supply	Supported		
	Aesthetics	Supported		

Appendix J Impaired Waterbodies

Waterbody Name	Designated Use	Use Support/ Attainment	Impairment	TMDL Priority
Niobrara River	Recreation	Impaired	E. coli	
	Class A Warmwater Aquatic Life	Supported		
	Agricultural Water Supply	Supported		
	Aesthetics	Supported		
Loup River	Recreation	Impaired	E. coli	
	Class A Warmwater Aquatic Life	Supported		
	Agricultural Water Supply	Supported		
	Aesthetics	Supported		
Prairie Creek	Class B Warmwater Aquatic Life	Impaired	Low dissolved oxygen	
	Agricultural Water Supply	Supported		
	Aesthetics	Supported		
	Class B Warmwater Aquatic Life	Impaired	Low dissolved oxygen, May-June atrazine	
Big Blue River	Agricultural Water Supply	Supported		
	Aesthetics	Supported		

Appendix J Impaired Waterbodies

Waterbody Name	Designated Use	Use Support/ Attainment	Impairment	TMDL Priority
Oklahoma – Gulf Coast Segment				
Canadian River	Aesthetics	Insufficient Information	Enterococcus Bacteria, Lead, Total Dissolved Solids, Turbidity	5a
	Agricultural	Fully Supporting		
	Warm Water Aquatic Community	Not Supporting		
	Industrial and Municipal Process and Cooling Water	Insufficient Information		
	Public and Private Water Supply	Insufficient Information		
	Primary Body Contact Rec	Not Supporting		
	Fish Consumption	Not Supporting		
	Sensitive Water Supply	Not Assessed		
Euchee Creek	Aesthetics	Insufficient Information	Escherichia coli, Enterococcus bacteria, Turbidity,	5a
	Agriculture	Fully Supporting		
	Warm Water Aquatic Community	Not Supporting		
	Fish Consumption	Not Addressed		
	Primary Body Contact Rec	Not Supporting		
	Emergency Water Supply	Fully Supporting		
	Aesthetics	Insufficient Information,		
	Agriculture	Insufficient Information		
Hilliby Creek	Warm Water Aquatic Community	Not Supporting	Fish bioassessments	5a
	Fish Consumption	Not Assessed		
	Primary Body Contact Recreation	Not Assessed		

Appendix J Impaired Waterbodies

Waterbody Name	Designated Use	Use Support/ Attainment	Impairment	TMDL Priority
Little River	Aesthetics	Insufficient Information	Enterococcus bacteria, Lead, Turbidity	5a
	Agriculture	Fully Supporting		
	Warm Water Aquatic Community	Not Supporting		
	Fish Consumption	Not Supporting		
	Primary Body Contact Recreation	Not Supporting		
	Public and Private Water Supply	Insufficient Information		
Little Wewoka Creek	Aesthetics	Fully Supporting	Dissolved Oxygen	5a
	Agriculture	Fully Supporting		
	Warm Water Aquatic Community,	Not Supporting		
	Fish Consumption	Insufficient Information		
	Primary Body Contact Recreation	Fully Supporting		
	Public and Private Water Supply	Insufficient Information		
	Fish Consumption	Not Assessed		
	Aesthetics	Insufficient Information		
Sand Creek	Agriculture	Not Supporting	Chloride, Total Dissolved Solids	5c
	Habitat Limited Aquatic Community	Not Addressed		
	Secondary Body Contact Recreation	Not Addressed		
	Fish Consumption	Not Addressed		

Appendix J Impaired Waterbodies

Waterbody Name	Designated Use	Use Support/ Attainment	Impairment	TMDL Priority
Texas				
Angelina River Above Sam Rayburn Reservoir	Aquatic Life	Fully Supporting	Bacteria	5a
	Recreation	Fully Supporting		
	General	Fully Supporting		
	Fish Consumption	Fully Supporting		
	Public Water Supply	Fully Supporting		
	Oyster Water	N/A		
	Overall Use	Fully Supporting		
	Aquatic Life	Fully Supporting		
Angelina River Above Sam Rayburn Reservoir	Recreation	Fully Supporting	Bacteria	5a
	General	Fully Supporting		
	Fish Consumption	Fully Supporting		
	Public Water Supply	Fully Supporting		
	Oyster Water	N/A		
	Overall Use	Fully Supporting		
	Aquatic Life	Fully Supporting		
	Recreation	Not Supporting		
Big Sandy Creek	General	N/A		
	Fish Consumption	Not Assessed		
	Public Water Supply	Not Assessed		
	Oyster Water	N/A		
	Overall Use	Not Supporting		
	Aquatic Life	Fully Supporting		
	Recreation	Not Supporting		
	Bacteria	Fully Supporting		

Appendix J Impaired Waterbodies

Waterbody Name	Designated Use	Use Support/ Attainment	Impairment	TMDL Priority
East Fork Angelina River	Aquatic Life	Fully Supporting	Bacteria	5a,5c
	Recreation	Not Supporting	Lead	
	General	N/A		
	Fish Consumption	Not Assessed		
	Public Water Supply	N/A		
	Oyster Water	N/A		
	Overall Use	Not Supporting		
East Fork Angelina River	Aquatic Life	Not Assessed	Lead	5c
	Recreation	Not Assessed		
	General	N/A		
	Fish Consumption	Not Assessed		
	Public Water Supply	N/A		
	Oyster Water	N/A		
	Overall Use	Not Assessed		

Appendix J Impaired Waterbodies

Waterbody Name	Designated Use	Use Support/ Attainment	Impairment	TMDL Priority
East Fork Angelina River	Aquatic Life	Not Assessed	Lead	5c
	Recreation	Not Assessed		
	General	N/A		
	Fish Consumption	Not Assessed		
	Public Water Supply	N/A		
	Oyster Water	N/A		
	Overall Use	Not Assessed		
East Fork Angelina River	Aquatic Life	Not Assessed	Lead	5c
	Recreation	Not Assessed		
	General	N/A		
	Fish Consumption	Not Assessed		
	Public Water Supply	N/A		
	Oyster Water	N/A		
	Overall Use	Not Assessed		

Appendix J Impaired Waterbodies

Waterbody Name	Designated Use	Use Support/ Attainment	Impairment	TMDL Priority
Hillebrandt Bayou	Aquatic Life	Partially Supporting	Dissolved Oxygen	5a
	Recreation	Fully Supporting		
	General	Fully Supporting		
	Fish Consumption	Not Assessed		
	Public Water Supply	N/A		
	Oyster Water	N/A		
	Overall Use	Partially Supporting		
Hurricane Creek	Aquatic Life	Not Assessed	Bacteria	5c
	Recreation	Not Assessed		
	General	N/A		
	Fish Consumption	Not Assessed		
	Public Water Supply	N/A		
	Oyster Water	N/A		
	Overall Use	Not Assessed		
Jack Creek	Aquatic Life	Fully Supporting	Bacteria	5c
	Recreation	Not Supporting		
	General	N/A		
	Fish Consumption	Not Assessed		
	Public Water Supply	N/A		
	Oyster Water	N/A		
	Overall Use	Not Supporting		
Neches River Below	Aquatic Life	Fully Supporting	Bacteria	5c

Appendix J Impaired Waterbodies

Waterbody Name	Designated Use	Use Support/ Attainment	Impairment	TMDL Priority
Lake Palestine	Recreation	Fully Supporting		
	General	Fully Supporting		
	Fish Consumption	Not Assessed		
	Public Water Supply	Fully Supporting		
	Oyster Water	N/A		
	Overall Use	Fully Supporting		
	Aquatic Life	Fully Supporting	Lead	5c
Neches River Below Lake Palestine	Recreation	Fully Supporting		
	General	Fully Supporting		
	Fish Consumption	Not Assessed		
	Public Water Supply	Fully Supporting		
	Oyster Water	N/A		
	Overall Use	Fully Supporting		
	Aquatic Life	Fully Supporting	Dissolved Oxygen	5b
Pine Island Bayou	Recreation	Fully Supporting		
	General	Fully Supporting		
	Fish Consumption	Not Assessed		
	Public Water Supply	Fully Supporting		
	Oyster Water	N/A		
	Overall Use	Fully Supporting		
	Aquatic Life	Fully Supporting	Dissolved Oxygen	5b
Pine Island Bayou	Recreation	Fully Supporting		
	Aquatic Life	Not Supporting	Dissolved Oxygen	5b
	Recreation	Fully Supporting		

Appendix J Impaired Waterbodies

Waterbody Name	Designated Use	Use Support/ Attainment	Impairment	TMDL Priority
	General	Fully Supporting		
	Fish Consumption	Not Assessed		
	Public Water Supply	Fully Supporting		
	Oyster Water	N/A		
	Overall Use	Not Supporting		
Pine Island Bayou	Aquatic Life	Fully Supporting	Dissolved Oxygen	5b
	Recreation	Fully Supporting		
	General	Fully Supporting		
	Fish Consumption	Not Assessed		
	Public Water Supply	Fully Supporting		
	Oyster Water	N/A		
	Overall Use	Not Supporting		
	Aquatic Life	Fully Supporting	Dissolved Oxygen	5b
	Recreation	Fully Supporting		
	General	Fully Supporting		
Pine Island Bayou	Fish Consumption	Not Assessed		
	Public Water Supply	Fully Supporting		
	Oyster Water	N/A		
	Overall Use	Fully Supporting		
	Aquatic Life	Fully Supporting	Dissolved Oxygen	5b
	Recreation	Fully Supporting		
	General	Fully Supporting		
	Fish Consumption	Not Assessed		
	Public Water Supply	Fully Supporting		
	Oyster Water	N/A		
	Overall Use	Fully Supporting		
	Overall Use	Fully Supporting		

Appendix J Impaired Waterbodies

Waterbody Name	Designated Use	Use Support/ Attainment	Impairment	TMDL Priority
Pine Island Bayou	Aquatic Life	Partially Supporting	Dissolved Oxygen	5b
	Recreation	Fully Supporting		
	General	Fully Supporting		
	Fish Consumption	Not Assessed		
	Public Water Supply	Fully Supporting		
	Oyster Water	N/A		
	Overall Use	Partially Supporting		
Pine Island Bayou	Aquatic Life	Not Assessed	Dissolved Oxygen	5b
	Recreation	Not Assessed		
	General	Fully Supporting		
	Fish Consumption	Not Assessed		
	Public Water Supply	Fully Supporting		
	Oyster Water	N/A		
	Overall Use	Fully Supporting		
Piney Creek	Aquatic Life	Not Supporting	Bacteria	5a
	Recreation	Fully Supporting		
	General	N/A		
	Fish Consumption	Not Assessed		
	Public Water Supply	N/A		
	Oyster Water	N/A		
	Overall Use	Not Supporting		

Appendix J Impaired Waterbodies

Waterbody Name	Designated Use	Use Support/ Attainment	Impairment	TMDL Priority
Piney Creek	Aquatic Life	Not Assessed	Dissolved Oxygen	5c
	Recreation	Not Assessed		
	General	N/A		
	Fish Consumption	Not Assessed		
	Public Water Supply	N/A		
	Oyster Water	N/A		
	Overall Use	Not Assessed		
Willow Creek	Aquatic Life	Fully Supporting	Dissolved Oxygen	5b
	Recreation	Fully Supporting		
	General	N/A		
	Fish Consumption	Not Assessed		
	Public Water Supply	N/A		
	Oyster Water	N/A		
	Overall Use	Fully Supporting		
Texas-Houston Lateral				
Cedar Bayou Above Tidal	Aquatic Life	Fully Supporting	Bacteria	5c, 5a
	Recreation	Fully Supporting	Benthic Macroinvertebrates	
	General	Fully Supporting		
	Fish Consumption	Not Assessed		
	Public Water Supply	Fully Supporting		
	Oyster Water	N/A		
	Overall Use	Fully Supporting		

Appendix J Impaired Waterbodies

Waterbody Name	Designated Use	Use Support/ Attainment	Impairment	TMDL Priority
San Jacinto River Above Tidal	Aquatic Life	Not Assessed	Dioxin	5a
	Recreation	Fully Supporting		
	General	Not Assessed		
	Fish Consumption	Not Supporting		
	Public Water Supply	N/A		
	Oyster Water	N/A		
	Overall Use	Not Supporting		
San Jacinto River Above Tidal	Aquatic Life	Fully Supporting	Dioxin	5a,5a
	Recreation	Fully Supporting	PCB's	
	General	Fully Supporting		
	Fish Consumption	Not Supporting		
	Public Water Supply	N/A		
	Oyster Water	N/A		
	Overall Use	Not Supporting		

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- 1 Source: NDDH 2004.
 1A = TMDLs are scheduled for completion in the next two years.
 1B = TMDL activities (e.g., monitoring or modeling) are scheduled to begin in the next two years.
 2 = scheduled for TMDL development in the next 10 years.
 3 = impaired for fish consumption due to methyl mercury (low priority for state due to complexities related to fate and transport of methyl mercury and due to interstate and international nature of atmospheric mercury sources.
 Source: SDDENR 2004.
- 3 Source: [].
 Category 2 = Some of the designated uses are met but there is insufficient information to determine if all uses are being met; Category 3 = Insufficient data to determine if any beneficial uses are being met; Category 5 = One or more beneficial uses are determined to be impaired by one or more pollutants and all of the TMDLs have not been developed.
 Category 5 waters constitute the Section 303(d) list subject to EPA approval/disapproval.
- 4 Source: [].
 Priority Levels – unknown.
- 5 Source: [].
 Priority M – Medium.
 Priority H – High.
- 6 Source: Oklahoma Department of Environmental Quality 2008
 Priority Rankings
 1 = TMDL Year 2006-2007
 2 = TMDL Year 2008-2009
 3 = TMDL Year 2010-2012
 4 = TMDL Year 2012-2019
 5a = TMDL is underway, or will be scheduled
 5b = A review of the water quality standards for this water body will be conducted before a TMDL is scheduled
 5cc = Additional data and information will be collected before a TMDL is scheduled.
- 7 Source: Texas Commission of Environmental Quality 2008
 Category 5a- A TMDL is underway, or will be scheduled
 Category 5b- A review of the water quality standards for this water body will be conducted before a TMDL is scheduled
 Category 5c- Additional data and information will be collected before a TMDL is scheduled.

