

**CATEGORY 4 WATERS IN KANSAS –
IMPAIRED WATERS WITH AN EXISTING
TMDL OR ADDRESSED BY ALTERNATIVE
MEANS OR IMPAIRED BY POLLUTION
December 20, 2006**

MARAIS DES CYGNES BASIN

CATEGORY 4A: IMPAIRED WATERS THAT HAVE A TMDL DEVELOPED

Impaired Watershed/Lake	Pollutant	Implementation Priority	Waterbody Type	Monitoring Station	HUC 8	Counties
UPPER MARAIS DES CYGNES SUBBASIN						
110 Mile Creek	Dissolved Oxygen	High	Stream	633	10290101	OS
Dragoon Creek	Dissolved Oxygen	High	Stream	577,687	10290101	OS
Marais des Cygnes River below Ottawa	Bacteria	High	Stream	270	10290101	FR
Ottawa Creek	Dissolved Oxygen	High	Stream	616	10290101	FR
Pottawatomie Creek	Dissolved Oxygen	High	Stream	556	10290101	AN
Upper Marais des Cygnes/142 Mile Creek	Bacteria	High	Stream	579	10290101	LY
Upper Marais des Cygnes/142 Mile Creek	Dissolved Oxygen	High	Stream	579	10290101	LY
Marais des Cygnes River above Ottawa	Selenium	Low	Stream	555	10290101	FR
Switzler Creek	Selenium	Low	Stream	687	10290101	OS
Pomona Lake	Eutrophication	High	Lake	28001	10290101	OS
Pomona Lake	Siltation	High	Lake	28001	10290101	OS
Crystal Lake	Eutrophication	Medium	Lake	64901	10290101	AN
Lebo City Park Lake	Eutrophication	Low	Lake	65601	10290101	CF
Osage City Reservoir	Eutrophication	Low	Lake	66101	10290101	OS
Spring Creek Park Lake	Eutrophication	Low	Lake	66801	10290101	DG
LOWER MARAIS DES CYGNES SUBBASIN						
Middle Creek	Dissolved Oxygen	High	Stream	697	10290102	MI, LN
Hillsdale Lake	Eutrophication	High	Lake	35003	10290102	MI
Edgerton City Lake	Atrazine	Medium	Lake	65001	10290102	JO
Edgerton City Lake	Eutrophication	Medium	Lake	65001	10290102	JO
Miami Co. State Fishing Lake/Wildlife Area	Eutrophication	Medium	Lake	43601	10290102	MI
Mound City Lake	Eutrophication	Medium	Lake	51401	10290102	LN
Marais des Cygnes Wildlife Management Area	Eutrophication	High	Wetland	53201	10290102	LN
Marais des Cygnes Wildlife Management Area	Siltation	High	Wetland	53201	10290102	LN
Marais des Cygnes Wildlife Management Area	pH	High	Wetland	53201	10290102	LN
Marais des Cygnes Wildlife Management Area	DO	High	Wetland	53201	10290102	LN
LITTLE OSAGE SUBBASIN						
Little Osage River	Bacteria	Medium	Stream	207	10290103	LN, BB
Prescott City Lake	Eutrophication	Low	Lake	66601	10290103	LN
MARMATON SUBBASIN						
Marmaton River	Dissolved Oxygen	High	Stream	208,559	10290104	BB
Marmaton River below Ft. Scott	Biological	High	Stream	208	10290104	BB
Bronson City Lake	Eutrophication	Medium	Lake	46201	10290104	BB
Elm Creek Lake	Eutrophication	Low	Lake	44801	10290104	BB

CATEGORY 4B: IMPAIRED WATERS ADDRESSED BY ALTERNATIVES TO TMDLS

Impaired Watershed/Lake	Pollutant	Alternative to TMDL	Implementor	HUC 8	Counties
Marais des Cygnes River below Ottawa	Ammonia	NPDES Permit	Ottawa	10290101	FR
Walnut Creek	Ammonia	NPDES Permit	Wellsville	10290101	FR
Pottawatomie Creek	Bacteria	NPDES Permit	Garnett	10290101	AN
South Fork Pottawatomie Creek	Bacteria	NPDES Permit	Garnett	10290101	AN
Salt Creek	Bacteria	NPDES Permit	Lyndon	10290101	OS
Salt Creek	Ammonia	NPDES Permit	Lyndon	10290101	OS
East Fork Taub Creek	Bacteria	NPDES Permit	Baldwin City	10290101	FR
Marmaton River	Bacteria	NPDES Permit	Ft. Scott	10290104	BB
Marmaton River	Ammonia	NPDES Permit	Ft. Scott	10290104	BB

MISSOURI BASIN

CATEGORY 4A: IMPAIRED WATERS THAT HAVE A TMDL DEVELOPED

Impaired Watershed/Lake	Pollutant	Implementation Priority	Waterbody Type	Monitoring Station	HUC 8	Counties
TARKIO - WOLF SUBBASIN						
Wolf River	Bacteria	High	Stream	201	10240005	DP
Brown Co. State Fishing Lake/Wildlife Area	Eutrophication	Medium	Lake	10301	10240005	BR
Hiawatha City Lake	Eutrophication	Medium	Lake	11601	10240005	BR
Hiawatha City Lake	Atrazine	Medium	Lake	11601	10240005	BR
Troy Fair Lake	Eutrophication	Low	Lake	73801	10240005	DP
SOUTH FORK BIG NEMAHA SUBBASIN						
South Fork Big Nemaha River	Bacteria	High	Stream	234/601/682	10240007	NM
Illinois Creek	Selenium	Low	Stream	682	10240007	NM
Sabetha City Lake	Eutrophication	Low	Lake	11501	10240007	NM
BIG NEMAHA SUBBASIN						
Walnut Creek	Bacteria	High	Stream	292	10240008	BR
Pony Creek Lake	Eutrophication	High	Lake	73001	10240008	BR
INDEPENDENCE - SUGAR SUBBASIN						
Atchison Co. State Fishing Lake	Eutrophication	Low	Lake	12601	10240011	AT
Big Eleven Lake	Eutrophication	Low	Lake	67101	10240011	WY
Lansing City Lake	Eutrophication	Low	Lake	67201	10240011	LV
LOWER MISSOURI - CROOKED SUBBASIN						
Blue River	Biological	Medium	Stream	205	10300101	JO
Blue River	FCB	Medium	Stream	205	10300101	JO
Blue River	Chlordane	Low	Stream	205	10300101	JO
Indian Creek	Bacteria	Medium	Stream	204	10300101	JO
Antioch Park Lake	Chlordane	Low	Lake	67701	10300101	JO
South Park Lake	Eutrophication	Low	Lake	67501	10300101	JO
CATEGORY 4B: IMPAIRED WATERS ADDRESSED BY ALTERNATIVES TO TMDLS						
Impaired Watershed/Lake	Pollutant	Alternative to TMDL	Implementor	HUC 8	Counties	
Wolf River	Ammonia	NPDES Permit	Hiawatha	10240005	BR	
Wolf River	Dissolved Oxygen	NPDES Permit	Hiawatha	10240005	BR	
South Fork Big Nemaha River	Dissolved Oxygen	NPDES Permit	Seneca	10240007	NM	
Whiskey Creek	Ammonia	NPDES Permit	Atchison	10240011	AT	

NEOSHO BASIN

CATEGORY 4A: IMPAIRED WATERS THAT HAVE A TMDL DEVELOPED

Impaired Watershed/Lake	Pollutant	Implementation Priority	Waterbody Type	Monitoring Station	HUC 8	Counties
NEOSHO HEADWATERS						
Allen Creek (w/Dows Creek)	Dissolved Oxygen	High	Stream	628	11070201	LY
Allen Creek (w/Dows Creek)	Bacteria	Medium	Stream	628	11070201	LY
Allen Creek (w/Dows Creek)	Copper	Low	Stream	628	11070201	LY
Eagle Creek	Dissolved Oxygen	High	Stream	634	11070201	LY
Eagle Creek	Copper	Low	Stream	634	11070201	LY
Upper Neosho River	Bacteria	High	Stream	637	11070201	MR
Upper Neosho River	Copper	Low	Stream	637	11070201	MR
Council Grove Lake	Eutrophication	High	Lake	22001	11070201	MR
Council Grove Lake	Siltation	High	Lake	22001	11070201	MR
Olpe City Lake	Eutrophication	High	Lake	41001	11070201	LY
Olpe City Lake	Siltation	High	Lake	41001	11070201	LY
John Redmond Lake	Eutrophication	Medium	Lake	26001	11070201	CF
John Redmond Lake	Siltation	Medium	Lake	26001	11070201	CF
Jones Park Pond	Eutrophication	Low	Lake	68701	11070201	LY
UPPER COTTONWOOD						
Upper Cottonwood River	Bacteria	Medium	Stream	627	11070202	CS,MN
Upper Cottonwood River	Sulfate	Low	Stream	627	11070202	CS,MN
Upper Cottonwood River	Chlordane	Low	Stream	627	11070202	CS,MN
South Cottonwood River	Bacteria	Medium	Stream	635	11070202	MN
South Cottonwood River	Mercury	Low	Stream	635	11070202	MN
Mud Creek	Bacteria	Medium	Stream	691	11070202	MN
French Creek	Dissolved Oxygen	Medium	Stream	676	11070202	MN
North Cottonwood River	Copper	Low	Stream	636	11070202	MN
Marion Lake	Eutrophication	High	Lake	20001	11070202	MN
Marion Co. Lake	Eutrophication	Medium	Lake	12101	11070202	MN
LOWER COTTONWOOD						
Lower Cottonwood River	Bacteria	Medium	Stream	627	11070203	CS,MR
Lower Cottonwood River	Sulfate	Low	Stream	627	11070203	CS,MR
South Fork Cottonwood River	Biological	Medium	Stream	582	11070203	CS
Fox Creek	Biological	Medium	Stream	718	11070203	CS
UPPER NEOSHO						
Turkey Creek	Dissolved Oxygen	High	Stream	614	11070204	CF,WO
Turkey Creek	Bacteria	Medium	Stream	614	11070204	CF,WO
Big Creek	Bacteria	Medium	Stream	615	11070204	CF
Big Creek	Copper	Low	Stream	615	11070204	CF
Neosho River at Chanute	pH	Medium	Stream	271,560	11070204	AL,NO
Neosho River below Chanute	Copper	Low	Stream	560	11070204	AL,NO
Owl Creek	Bacteria	Medium	Stream	610	11070204	AL,WO
Owl Creek	Copper	Low	Stream	610	11070204	AL,WO
Deer Creek	Bacteria	Medium	Stream	609	11070204	AL,AN
Chanute Santa Fe City Lake	Eutrophication	Medium	Lake	44401	11070204	NO
Gridley City Lake	Beryllium	Low	Lake	45601	11070204	CF
Gridley City Lake	Eutrophication	Medium	Lake	45601	11070204	CF

NEOSHO BASIN, CONT

CATEGORY 4A: IMPAIRED WATERS THAT HAVE A TMDL DEVELOPED

Impaired Watershed/Lake	Pollutant	Implementation Priority	Waterbody Type	Monitoring Station	HUC 8	Counties
MIDDLE NEOSHO						
Canville Creek	Dissolved Oxygen	High	Stream		612	11070205 NO,AL
Cherry Creek	Dissolved Oxygen	High	Stream		605	11070205 CK
Labette Creek	Dissolved Oxygen	High	Stream		564,571	11070205 LB,NO
Bachelor Creek	Dissolved Oxygen	Low	Stream		698	11070205 LB
Flat Rock Creek	Copper	Low	Stream		613	11070205 NO,CR
Neosho Co State Fishing Lake	Eutrophication	Medium	Lake		44601	11070205 NO
Parsons Lake	Eutrophication	Medium	Lake		41401	11070205 NO
Parsons Lake	Siltation	Medium	Lake		41401	11070205 NO
Altamont City Lake	Eutrophication	Low	Lake		68001	11070205 LB
Bartlett City Lake	Eutrophication	Low	Lake		45401	11070205 LB
Mined Land Lake 12	Sulfate	Low	Lake		35901	11070205 CK
Mined Land Lake 17	Sulfate	Low	Lake		48201	11070205 CK
Mined Land Lake 22	Sulfate	Low	Lake		36801	11070205 CK
Mined Land Lake 23	Sulfate	Low	Lake		36901	11070205 CK
Mined Land Lake 27	Sulfate	Low	Lake		37301	11070205 CK
Mined Land Lake 30	Sulfate	Low	Lake		37601	11070205 CK
Mined Land Lake 44	Sulfate	Low	Lake		48401	11070205 CK
Neosho Wildlife Management Area	Eutrophication	Medium	Wetland		53401	11070205 NO
Neosho Wildlife Management Area	Siltation	Medium	Wetland		53401	11070205 NO
Neosho Wildlife Management Area	Lead	Medium	Wetland		53401	11070205 NO
Mined Land Wildlife Area Unit #42	Dissolved Oxygen	Low	Wetland		38841	11070205 CK
Mined Land Wildlife Area Unit #42	Sulfate	Low	Wetland		38841	11070205 CK
Lake O' The Cherokees						
Tar Creek	Metals	Medium	Stream		110	11070206 CK
SPRING						
Spring River Watershed	Metals	High	Stream		213	11070207 CK
Shawnee Creek	Dissolved Oxygen	High	Stream		569	11070207 CK
Cow Creek	Chlordane	Low	Stream		567	11070207 CK,CR
Cow Creek	Sulfate	Low	Stream		567	11070207 CK,CR
Pittsburg College Lake	Eutrophication	Low	Lake		73301	11070207 CR
Mined Land Lake 6	Sulfate	Low	Lake		47601	11070207 CR
Mined Land Lake 7	Sulfate	Low	Lake		47801	11070207 CR
Playter's Lake	Eutrophication	Low	Lake		69001	11070207 CR

CATEGORY 4B: IMPAIRED WATERS ADDRESSED BY ALTERNATIVES TO TMDLS

Impaired Watershed/Lake	Pollutant	Alternative to TMDL	Implementor	HUC 8	Counties
Doyle Creek	Ammonia	NPDES Permit	Peabody	11070202	MN
Doyle Creek	Bacteria	NPDES Permit	Peabody	11070202	MN
Doyle Creek	Dissolved Oxygen	NPDES Permit	Peabody	11070202	MN
Lower Cottonwood River	Bacteria	NPDES Permit	Emporia	11070203	LY
Little Turkey Creek	Ammonia	NPDES Permit	Chanute	11070204	NO
Little Turkey Creek	Bacteria	NPDES Permit	Chanute	11070204	NO
Owl Creek	Ammonia	NPDES Permit	Yates Center	11070204	WO
Labette Creek	Ammonia	NPDES Permit	Parsons	11070205	LB
Labette Creek	Bacteria	NPDES Permit	Parsons	11070205	LB
Cow Creek	Bacteria	NPDES Permit	Pittsburg	11070207	CR

VERDIGRIS BASIN

CATEGORY 4A: IMPAIRED WATERS THAT HAVE A TMDL DEVELOPED

Impaired Watershed/Lake	Pollutant	Implementation Priority	Waterbody Type	Monitoring Station	HUC 8	Counties
UPPER VERDIGRIS SUBBASIN						
West Creek	Dissolved Oxygen	High	Stream		290	11070101 GW
Chetopa Creek	Dissolved Oxygen	High	Stream		696	11070101 WL
Chetopa Creek	Bacteria	Medium	Stream		696	11070101 WL
Walnut Creek	Dissolved Oxygen	Medium	Stream		576	11070101 GW
Wilson Co. State Fishing Lake	Eutrophication	Medium	Lake		15101	11070101 WL
Woodson Wildlife Area	Eutrophication	Medium	Wetland		11841	11070101 WO
Woodson Wildlife Area	Bacteria	Low	Wetland		11841	11070101 WO
FALL SUBBASIN						
Fall River above Fall River Lake	Bacteria	High	Stream		575	11070102 GW
Fall River above Fall River Lake	Dissolved Oxygen	Medium	Stream		575	11070102 GW
MIDDLE VERDIGRIS SUBBASIN						
Pumpkin Creek	Dissolved Oxygen	High	Stream		606	11070103 MG, LB
Onion Creek	Dissolved Oxygen	High	Stream		608	11070103 MG
Big Hill Creek	Dissolved Oxygen	High	Stream		607	11070103 MG, LB
Big Hill Creek	Bacteria	Medium	Stream		607	11070103 MG, LB
Verdigris River below Independence	Bacteria	Medium	Stream		563	11070103 MG
Lower Verdigris River	Biological	Medium	Stream	215, 563		11070103 MG
Montgomery Co. State Fishing Lake	Eutrophication	Medium	Lake		10701	11070103 MG
La Claire Lake	Eutrophication	Low	Lake		72901	11070103 MG
Cherryvale City Lake	Eutrophication	Low	Lake		71601	11070103 MG
ELK SUBBASIN						
Elk River above Elk City Lake	Dissolved Oxygen	High	Stream		693	11070104 MG, EK
Elk River above Elk City Lake	Bacteria	Medium	Stream		693	11070104 MG, EK

CATEGORY 4B: IMPAIRED WATERS ADDRESSED BY ALTERNATIVES TO TMDLS

Impaired Watershed/Lake	Pollutant	Alternative to TMDL	Implementor	HUC 8	Counties
Drum Creek	Ammonia	NPDES Permit	Cherryvale	11070103	MG
Drum Creek	Bacteria	NPDES Permit	Cherryvale	11070103	MG
Lower Verdigris River	Bacteria	NPDES Permit	Coffeyville	11070103	MG
Lower Verdigris River	Ammonia	NPDES Permit	Coffeyville	11070103	MG
Verdigris River below Independence	Ammonia	NPDES Permit	Independence	11070103	MG
Little Caney River	Bacteria	NPDES Permit	Caney	11070106	CQ

WALNUT BASIN

CATEGORY 4A: IMPAIRED WATERS THAT HAVE A TMDL DEVELOPED

Impaired Watershed/Lake	Pollutant	Implementation Priority	Waterbody Type	Monitoring Station	HUC 8	Counties
UPPER WALNUT SUBBASIN						
Upper Walnut River	Bacteria	High	Stream	279	11030017	BU
Whitewater River	Bacteria	High	Stream	38	11030017	BU
Whitewater River	Sulfate	Low	Stream	38	11030017	BU
El Dorado Lake	Eutrophication	High	Lake	33001	11030017	BU
El Dorado Lake	Siltation	High	Lake	33001	11030017	BU
Augusta Santa Fe Lake	Eutrophication	Medium	Lake	41601	11030017	BU
Augusta Santa Fe Lake	Siltation	Medium	Lake	41601	11030017	BU
Harvey Co. East Lake	Eutrophication	Medium	Lake	52061	11030017	HV
LOWER WALNUT SUBBASIN						
Walnut River	Biological	Medium	Stream	106	11030018	BU
Walnut River	Biological	Medium	Stream	532 (SB 315)	11030018	CL
Walnut River	Sulfate	Low	Stream	106	11030018	BU
Little Walnut River	Bacteria	Medium	Stream	655	11030018	BU
Rock Creek	Bacteria	Medium	Stream	654	11030018	CL
Eight Mile Creek	Sulfate	Low	Stream	704	11030018	BU
Butler Co. State Fishing Lake/Wildlife Area	Eutrophication	Medium	Lake	49401	11030018	BU
Winfield Park Lagoon	Eutrophication	Low	Lake	72301	11030018	CL

CATEGORY 4B: IMPAIRED WATERS ADDRESSED BY ALTERNATIVES TO TMDLS

Impaired Watershed/Lake	Pollutant	Alternative to TMDL	Implementor	HUC 8	Counties
Walnut River	Ammonia	NPDES Permit	El Dorado	11030017	BU
Whitewater River	Ammonia	NPDES Permit	Augusta	11030017	BU
Whitewater River	Bacteria	NPDES Permit	Augusta	11030017	BU

SMOKY HILL – SALINE BASIN

CATEGORY 4A: IMPAIRED WATERS THAT HAVE A TMDL DEVELOPED

Impaired Watershed/Lake	Pollutant	Implementation Priority	Waterbody Type	Monitoring Station	HUC 8	Counties
NORTH FORK SMOKY HILL						
Smoky Hill Garden Lake	Eutrophication	Low	Lake	70101	10260002	SH
UPPER SMOKY HILL						
Smoky Hill River above Cedar Bluff Lake	Dissolved Oxygen	Medium	Stream	550	10260003	TR
Smoky Hill River above Cedar Bluff Lake	Sulfate	Low	Stream	224,729,550	10260003	TR,GO,LG
Smoky Hill River above Cedar Bluff Lake	Selenium	Low	Stream	224,729,550	10260003	TR,GO,LG
Upper Smoky Hill River	Fluoride	Low	Stream	224	10260003	LG
Cedar Bluff Lake	Eutrophication	Medium	Lake	13001	10260003	TR,GO,LG
Cedar Bluff Lake	Sulfate	Low	Lake	13001	10260003	TR,GO,LG
LADDER						
Lake Scott State Park	Eutrophication	High	Lake	11201	10260004	SC
MIDDLE SMOKY HILL						
Smoky Hill River above Kanopolis Lake	Chloride	Low	Stream	539,7,269,	10260006	EL,RS,EW
Smoky Hill River above Kanopolis Lake	Sulfate	Low	Stream	incl 713,714,723,734,735 & 736 539,7,269	10260006	EL,RS,EW
Kanopolis Lake						
Kanopolis Lake	Eutrophication	High	Lake	16001	10260006	EW
Kanopolis Lake	Chloride	Low	Lake	16001	10260006	EW
Kanopolis Lake	Sulfate	Low	Lake	16001	10260006	EW
Fossil Lake	Eutrophication	Low	Lake	52601	10260006	RS
Fossil Lake	Siltation	Low	Lake	52601	10260006	RS
BIG						
North Fork Big Creek	Chloride	Low	Stream	715	10260007	EL
Ellis City Lake	Eutrophication	Low	Lake	69601	10260007	EL
Big Creek Oxbow	Eutrophication	Low	Lake	70301	10260007	EL
LOWER SMOKY HILL						
Holland Creek						
Smoky Hill River below Salina	Dissolved Oxygen	High	Stream	642	10260008	DK
Lower Smoky Hill River	Biological	Medium	Stream	268	10260008	SA
Lower Smoky Hill River	Chloride	Low	Stream	265,518,643	10260008	SA,DK,GE
Lower Smoky Hill River	Sulfate	Low	Stream	265,518,643	10260008	SA,DK,GE
incl 515,641,642,643,644 & 708						
Herington Reservoir						
Herington Reservoir	Eutrophication	High	Lake	47201	10260008	DK
Herington Reservoir	Atrazine	Medium	Lake	47201	10260008	DK
Geary Co. State Fishing Lake	Eutrophication	Medium	Lake	43201	10260008	GE
McPherson Co. State Fishing Lake	Eutrophication	Medium	Lake	13501	10260008	MP
Rimrock Park Lake	Eutrophication	Medium	Lake	70501	10260008	GE
Herington City Lake	Eutrophication	Low	Lake	69701	10260008	DK
Herington City Park Lake	Eutrophication	Low	Lake	72801	10260008	DK
Lakewood Park Lake	Eutrophication	Low	Lake	69801	10260008	SA

SMOKY HILL – SALINE BASIN, CONT

CATEGORY 4A: IMPAIRED WATERS THAT HAVE A TMDL DEVELOPED

Impaired Watershed/Lake	Pollutant	Implementation Priority	Waterbody Type	Monitoring Station	HUC 8	Counties
UPPER SALINE						
Saline River above Wilson Lake	Chloride	Low	Stream	11,538	10260009	RS
Saline River above Wilson Lake	Sulfate	Low	Stream	548,11,538	10260009	EL,RS
Saline River above Wilson Lake	Selenium	Low	Stream	548,11,538	10260009	EL,RS
Wilson Lake	Chloride	Low	Lake	14001	10260009	RS
Wilson Lake	Sulfate	Low	Lake	14001	10260009	RS
Plainville Township Lake	Eutrophication	Low	Lake	70001	10260009	RO
Sheridan Co. Wildlife Area	Bacteria	Low	Wetland	14501	10260009	SD
Sheridan Co. Wildlife Area	pH	Low	Wetland	14501	10260009	SD
LOWER SALINE						
Spillman Creek	Dissolved Oxygen	High	Stream	673	10260010	LC
Lower Saline River	Chloride	Low	Stream	513,267,537	10260010	LC,RS,OT,SA
Lower Saline River	Sulfate	Low	Stream	513,267,537 incl 671 & 672	10260010	LC,RS,OT,SA
Wolf Creek	Selenium	Low	Stream	537	10260010	LC,RS

CATEGORY 4B: IMPAIRED WATERS ADDRESSED BY ALTERNATIVES TO TMDLS

Impaired Watershed/Lake	Pollutant	Alternative to TMDL	Implementor	HUC 8	Counties
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UPPER REPUBLICAN BASIN

CATEGORY 4A: IMPAIRED WATERS THAT HAVE A TMDL DEVELOPED

Impaired Watershed/Lake	Pollutant	Implementation Priority	Waterbody Type	Monitoring Station	HUC 8	Counties
ARIKAREE						
Arikaree River	Selenium	Low	Stream		226	10250001 CN
Arikaree River	Sulfate	Low	Stream		226	10250001 CN
Arikaree River	Fluoride	Low	Stream		226	10250001 CN
Arikaree River	pH	Low	Stream		226	10250001 CN
SOUTH FORK REPUBLICAN						
Lower South Fork Republican River	pH	Low	Stream		227	10250003 CN
Lower South Fork Republican River	Fluoride	Low	Stream		227	10250003 CN
Upper South Fork Republican River	Fluoride	Low	Stream		225	10250003 CN
BEAVER						
Beaver Creek	Dissolved Oxygen	Low	Stream		228	10250014 DC,RA
Beaver Creek	Fluoride	Low	Stream		228	10250014 DC,RA
PRAIRIE DOG						
Lower Prairie Dog Creek	Dissolved Oxygen	High	Stream		230	10250015 PL,NT
Norton Lake	Eutrophication	Low	Lake		10001	10250015 NT,DC,TH
Colby City Pond	Eutrophication	Low	Lake		71301	10250015 TH

CATEGORY 4B: IMPAIRED WATERS ADDRESSED BY ALTERNATIVES TO TMDLS

Impaired Watershed/Lake	Pollutant	Alternative to TMDL	Implementor	HUC 8	Counties
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SOLOMON BASIN

CATEGORY 4A: IMPAIRED WATERS THAT HAVE A TMDL DEVELOPED

Impaired Watershed/Lake	Pollutant	Implementation Priority	Waterbody Type	Monitoring Station	HUC 8	Counties
UPPER NORTH FORK SOLOMON						
Bow Creek	Selenium	Low	Stream		545 10260011	PL,RO,GH
Upper North Fork Solomon River	Selenium	Low	Stream		546 10260011	PL,NT
Upper North Fork Solomon River	Sulfate	Low	Stream		546 10260011	PL,NT
Kirwin Lake	Eutrophication	Medium	Lake	11001	10260011	PL,RO,NT,G
Logan City Lake	Eutrophication	Low	Lake	69301	10260011	PL
LOWER NORTH FORK SOLOMON						
Lower North Fork Solomon River	Selenium	Low	Stream		14 10260012	SM
Lower North Fork Solomon River	Sulfate	Low	Stream		14 10260012	SM
Oak Creek	Selenium	Low	Stream		544 10260012	MC,JW,SM
Oak Creek	Sulfate	Low	Stream		544 10260012	MC,JW,SM
Beaver Creek	Selenium	Low	Stream		670 10260012	SM
Beaver Creek	Sulfate	Low	Stream		670 10260012	SM
Deer Creek	Selenium	Low	Stream		721 10260012	PL
Deer Creek	Sulfate	Low	Stream		721 10260012	PL
UPPER SOUTH FORK SOLOMON						
Upper South Fork Solomon River	Selenium	Low	Stream		547 10260013	RO,GH,SD
Upper South Fork Solomon River	Sulfate	Low	Stream		547 10260013	RO,GH,SD
Sheridan Co State Fishing Lake	Eutrophication	Medium	Lake	69401	10260013	SD
Webster Lake	Eutrophication	Medium	Lake	12001	10260013	RO,GH,SD
Webster Lake	Sulfate	Low	Lake	12001	10260013	RO,GH,SD
LOWER SOUTH FORK SOLOMON						
Twin Creek	Dissolved Oxygen	Medium	Stream		668 10260014	OB
Lower South Fork Solomon River	Selenium	Low	Stream		542,543 10260014	OB
Lower South Fork Solomon River	Sulfate	Low	Stream		542,543 10260014	OB
Lower South Fork Solomon River	Biological	Low	Stream		542.543 10260014	OB
Covert Creek	Selenium	Low	Stream		666 10260014	OB
Covert Creek	Sulfate	Low	Stream		666 10260014	OB
Kill Creek	Selenium	Low	Stream		665 10260014	OB
Kill Creek	Sulfate	Low	Stream		665 10260014	OB
Carr Creek	Sulfate	Low	Stream		669 10260014	MC,OB
Rooks Co. State Fishing Lake	Eutrophication	Medium	Lake	11901	10260014	RO
SOLOMON						
Limestone Creek	Dissolved Oxygen	High	Stream		667 10260015	MC,JW
Limestone Creek	Selenium	Low	Stream		667 10260015	MC,JW
Limestone Creek	Sulfate	Low	Stream		667 10260015	MC,JW
Browns Creek	Dissolved Oxygen	Medium	Stream		716 10260015	MC,JW
Lower Solomon River	Chloride	Low	Stream		266 10260015	OT
Lower Solomon River	Sulfate	Low	Stream		266 10260015	OT
Salt Creek	Chloride	Low	Stream		512 10260015	OT,LC,MC
Salt Creek	Sulfate	Low	Stream		512 10260015	OT,LC,MC
Upper Solomon River	Chloride	Low	Stream		511 10260015	CD,MC
Upper Solomon River	Sulfate	Low	Stream		511 10260015	CD,MC
Waconda Lake	Eutrophication	Medium	Lake	18001	10260015	MC,OB,SM
Waconda Lake	Sulfate	Low	Lake	18001	10260015	MC,OB,SM
Ottawa Co State Fishing Lake	Eutrophication	Medium	Lake	14101	10260015	OT

CATEGORY 4B: IMPAIRED WATERS ADDRESSED BY ALTERNATIVES TO TMDLS

Impaired Watershed/Lake	Pollutant	Alternative to TMDL	Implementor	HUC 8	Counties
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KANSAS-LOWER REPUBLICAN BASIN

CATEGORY 4A: IMPAIRED WATERS THAT HAVE A TMDL DEVELOPED

Impaired Watershed/Lake	Pollutant	Implementation Priority	Waterbody Type	Monitoring Station	HUC 8	Counties
UPPER KANSAS						
Clarks Creek	Bacteria	High	Stream		517 10270101	MR
Wildcat Creek	Bacteria	High	Stream		652 10270101	RL,GE
Wildcat Creek	Dissolved Oxygen	High	Stream		652 10270101	RL,GE
Upper Kansas River	Bacteria	Medium	Stream		518 10270101	RL,GE
Upper Kansas River	Chloride	Low	Stream		518 10270101	RL,GE
Upper Kansas River	Sulfate	Low	Stream		518 10270101	RL,GE
Ogden City Lake	Eutrophication	Low	Lake		11701 10270101	RL
MIDDLE KANSAS						
Kansas River at Topeka	Ammonia	High	Stream	Modeled	10270102	SN
Mill Creek	Bacteria	High	Stream	506,519,521	10270102	WB
Shunganunga Creek	Bacteria	High	Stream	238	10270102	SN
Shunganunga Creek	Dissolved Oxygen	High	Stream	238	10270102	SN
Vermillion Creek	Bacteria	High	Stream	520,681	10270102	PT
Upper Soldier Creek	Biological	High	Stream	101,SB299	10270102	JA
Kansas River at Topeka	Bacteria	Medium	Stream	258	10270102	SN
Kansas River below Topeka	Bacteria	Medium	Stream	143,257	10270102	SN
Kansas River below Topeka	Biological	Medium	Stream	143,257	10270102	SN
Kansas River near Wamego	Bacteria	Medium	Stream	260	10270102	PT,WB
Gage Park Lake	Eutrophication	Low	Lake	61101	10270102	SN
Central Park Lake	Eutrophication	Low	Lake	60901	10270102	SN
Warren Park Lake	Eutrophication	Low	Lake	62001	10270102	SN
Myers' Pond	Eutrophication	Low	Lake	75201	10270102	SN
Wamego City Lake	Eutrophication	Low	Lake	62101	10270102	PT
DELAWARE						
Grasshopper Creek	Bacteria	High	Stream	603,137,139	10270103	AT,BR
Delaware River above Perry Lake	Bacteria	High	Stream	554,103	10270103	JA,AT,NM
Elk Creek	Ammonia	High	Stream	Modeled	10270103	JA
Mission Lake	Atrazine	High	Lake	13601	10270103	BR
Mission Lake	Eutrophication	High	Lake	13601	10270103	BR
Little Lake	Eutrophication	Low	Lake	62601	10270103	BR
Sabetha Watershed Pond	Eutrophication	Low	Lake	75101	10270103	NM

KANSAS - LOWER REPUBLICAN BASIN, CONT

CATEGORY 4A: IMPAIRED WATERS THAT HAVE A TMDL DEVELOPED

Impaired Watershed/Lake	Pollutant	Implementation Priority	Waterbody Type	Monitoring Station	HUC 8	Counties
LOWER KANSAS						
Cedar Creek	Bacteria	High	Stream		252 10270104	JO
Cedar Creek	Nitrate	High	Stream		252 10270104	JO
Kill Creek	Bacteria	High	Stream		253 10270104	JO
Lower Kansas River	E Coli Bacteria	High	Stream		201,254 10270104	JO,WY
Mill Creek	Biological	High	Stream		251 10270104	JO
Mill Creek	Bacteria	High	Stream		251 10270104	JO
Stranger Creek	Bacteria	High	Stream		501,602 10270104	LV,AT
Upper Wakarusa River	Bacteria	High	Stream		109 10270104	DG,SN
Upper Wakarusa River	Biological	High	Stream		109 10270104	DG,SN
Washington Creek	Dissolved Oxygen	High	Stream		678 10270104	DG
Kansas River at Lawrence	Bacteria	Medium	Stream		256,257 10270104	DG
Kansas River at Lawrence	Biological	Medium	Stream		256,257 10270104	DG
Lower Kansas River	Biological	Medium	Stream	127,203,250,254,255	10270104	JO,WY
Lower Wakarusa River	Bacteria	Medium	Stream		236,500 10270104	DG
Crooked Creek	Biological	Low	Stream		683 10270104	JF
Kansas River at Lawrence	Chlordane	Low	Stream		256 10270104	DG
Kill Creek	Chlordane	Low	Stream		253 10270104	JO
Lower Kansas River	Chlordane	Low	Stream	127,203,250,254,255	10270104	JO,WY
Mill Creek	Chloride	Low	Stream		251 10270104	JO
Nine Mile Creek	Zinc	Low	Stream		680 10270104	LV
Clinton Lake	Eutrophication	High	Lake		30001 10270104	DG,SN
Gardner City Lake	Eutrophication	High	Lake		40401 10270104	JO
Gardner City Lake	Dissolved Oxygen	High	Lake		40401 10270104	JO
New Olathe Lake & Cedar Lake	Eutrophication	High	Lake		61301,61601 10270104	JO
Mary's Lake	Eutrophication	Medium	Lake		61401 10270104	DG
Sunflower Park Lake	Eutrophication	Medium	Lake		73601 10270104	JO
Frisco Lake	Eutrophication	Low	Lake		65201 10270104	JO
Lakeview Estates Lake	Eutrophication	Low	Lake		75301 10270104	SN
Lone Star Lake	Eutrophication	Low	Lake		11404 10270104	DG
Pierson Park Lake	Eutrophication	Low	Lake		61801 10270104	WY
Potter's Lake	Eutrophication	Low	Lake		73401 10270104	DG
Waterworks Lake	Eutrophication	Low	Lake		62201 10270104	JO
Baker Wetlands	Dissolved Oxygen	High	Wetland		14401 10270104	DG
LOWER BIG BLUE						
Big Blue River above Tuttle Creek Lake	Bacteria	High	Stream		233,240,717 10270205	MS
Black Vermillion River	Bacteria	High	Stream		505 10270205	MS,NM
Fancy Creek	Bacteria	Medium	Stream		502 10270205	RL
Tuttle Creek Lake	Eutrophication	High	Lake		21001 10270205	MS,NM,WS
Tuttle Creek Lake	Siltation	High	Lake		21001 10270205	MS,NM,WS
Tuttle Creek Lake	Alachlor	High	Lake		21001 10270205	MS,NM,WS
Tuttle Creek Lake and Watershed	Atrazine	High	Lake		21001(232,233,240,502,505,712)	10270205 MS,NM,WS,F
Centralia Lake	Eutrophication	Medium	Lake		73701 10270205	NM
LOWER LITTLE BLUE						
Little Blue River and Mill Creek	Bacteria	High	Stream		232,240,507 10270207	WS
Lake Idlewild	Eutrophication	Low	Lake		61201 10270207	MS
Washington Co State Fishing Lake	Dissolved Oxygen	Low	Lake		10901 10270207	WA
Washington Co State Fishing Lake	Aquatic Plants	Low	Lake		10901 10270207	WA
Washington Co Wildlife Area	Eutrophication	Low	Wetland		10941 10270207	WA
Washington Co Wildlife Area	Siltation	Low	Wetland		10941 10270207	WA

KANSAS – LOWER REPUBLICAN BASIN, CONT

CATEGORY 4A: IMPAIRED WATERS THAT HAVE A TMDL DEVELOPED

Impaired Watershed/Lake	Pollutant	Implementation Priority	Waterbody Type	Monitoring Station	HUC 8	Counties
MIDDLE REPUBLICAN						
Republican River below the Stateline	Bacteria	Low	Stream		231 10250016	RP
White Rock Creek	Bacteria	Low	Stream		508 10250016	JW
White Rock Creek	Selenium	Low	Stream		508 10250016	JW
LOWER REPUBLICAN						
Salt Creek	Bacteria	High	Stream		650 10250017	CD,RP
Salt Creek	Dissolved Oxygen	High	Stream		650 10250017	CD,RP
Republican River near Clay Center	Bacteria	Medium	Stream		503 10250017	CY
Republican River near Concordia	Bacteria	Medium	Stream		510 10250017	CD,RP
Buffalo Creek	Bacteria	Low	Stream		509 10250017	RP,JW
Buffalo Creek	Chloride	Low	Stream		509 10250017	RP,JW
Lake Jewell	Eutrophication	Medium	Lake		62901 10250017	JW
Belleville City Lake	Eutrophication	Low	Lake		60701 10250017	RP
Jamestown Wildlife Management Area	Eutrophication	Low	Wetland		52801 10250017	CD
Jamestown Wildlife Management Area	Siltation	Low	Wetland		52801 10250017	CD
Jamestown Wildlife Management Area	Bacteria	Low	Wetland		52801 10250017	CD

CATEGORY 4B: IMPAIRED WATERS ADDRESSED BY ALTERNATIVES TO TMDLS

Impaired Watershed/Lake	Pollutant	Alternative to TMDL	Implementor	HUC 8	Counties
Buffalo Creek	Ammonia	NPDES Permit	Mankato	10250017	JW
Salt Creek	Ammonia	NPDES Permit	Belleville	10250017	RP
Republican River below Milford Dam	Bacteria	NPDES Permit	Junction City	10250017	GE
Republican River below Milford Dam	Ammonia	NPDES Permit	Junction City	10250017	GE
Doyle Creek	Ammonia	NPDES Permit	St. Marys	10270102	PT
Doyle Creek	Bacteria	NPDES Permit	St. Marys	10270102	PT
Grasshopper Creek	Atrazine	Pesticide Mgmt Area	KS Dept of Ag	10270103	BR
Upper Delaware River	Bacteria	NPDES Permit	Sabetha	10270103	BR
Upper Delaware River	Ammonia	NPDES Permit	Sabetha	10270103	BR
Upper Delaware River	Dissolved Oxygen	NPDES Permit	Sabetha	10270103	BR
Banner Creek	Ammonia	NPDES Permit	Holton	10270103	JA
Kansas River at Lawrence	Ammonia	NPDES Permit	Lawrence	10270104	DG
Upper Wakarusa River	Ammonia	NPDES Permit	Auburn	10270104	SN
Hog Creek	Ammonia	NPDES Permit	Basehor	10270104	LV
Turkey Creek	Ammonia	NPDES Permit	Johnson Co.	10270104	JO

LOWER ARKANSAS BASIN

CATEGORY 4A: IMPAIRED WATERS THAT HAVE A TMDL DEVELOPED

Impaired Watershed/Lake	Pollutant	Implementation Priority	Waterbody Type	Monitoring Station	HUC 8	Counties
RATTLESNAKE						
Rattlesnake Creek	Chloride	Low	Stream	30,660	11030009	SF
Rattlesnake Creek	Sulfate	Low	Stream	30,660	11030009	SF
Quivira Big Salt Marsh	Eutrophication	High	Wetland	50601	11030009	SF
Quivira Little Salt Marsh	Eutrophication	High	Wetland	50,201	11030009	SF
GAR-PEACE						
Arkansas River below Hutchinson	Biological & pH	Medium	Stream	534		
Arkansas River below Hutchinson	Chlordane	Low	Stream	534,536	11030010	RN
Arkansas River at Hutchinson	Chloride	Medium	Stream	533,534,287,536		RN,SG
Arkansas River at Hutchinson	Sulfate	Low	Stream	533,534,536	11030010	RN,SG
Peace Creek	Bacteria	Medium	Stream	658	11030010	RN
Peace Creek	Chloride	Low	Stream	658	11030010	RN
Carey Park Lake	Eutrophication	Low	Lake	63,001	11030010	RN
COW						
Cow Creek	Dissolved Oxygen	High	Stream	656,657,522,287	11030011	RC,RN
Cow Creek	Bacteria	High	Stream	656,657,522,287	11030011	RC,RN
Cow Creek	Chloride	Medium	Stream	656,657,522	11030011	RC,RN
Cow Creek	Chlordane	Low	Stream	287	11030011	RN
Little Cow Creek	Ammonia & Nitrate	Medium	Stream	656	11030011	RC
Dillon Park Lakes	Eutrophication	Medium	Lake	63101	11030011	RN
Cheyenne Bottoms Wildlife Area	Eutrophication	High	Wetland	50401	11030011	RC
LITTLE ARKANSAS						
Little Arkansas River	Bacteria	High	Stream	282,534,535	11030012	SG,HV,MP
Little Arkansas River	Biological	High	Stream	282	11030012	SG,HV
Upper Little Arkansas River	Ammonia	High	Stream	Modeled	11030012	RC
Upper Little Arkansas River	Chloride	Low	Stream	246	11030012	HV,MP,RN
Lower Little Arkansas River	Chlordane	Low	Stream	282	11030012	SG
Turkey Creek	Dissolved Oxygen	High	Stream	533	11030012	HV,MP
Turkey Creek	Chloride	Medium	Stream	533	11030012	HV,MP
Sand Creek	Nitrate	High	Stream	535	11030012	HV
Sand Creek	Dissolved Oxygen	Medium	Stream	535	11030012	HV
Newton City Park Lake	Eutrophication	High	Lake	64201	11030012	HV
Mingenback Lake	Eutrophication	Medium	Lake	64701	11030012	MP
Harvey Co. Camp Hawk	Eutrophication	Low	Lake	63,401	11030012	HV
Harvey Co. Camp Hawk	Siltation	Low	Lake	63,401	11030012	HV
Harvey Co. Park West Lake	Eutrophication	Low	Lake	49001	11030012	HV

LOWER ARKANSAS BASIN, CONT

CATEGORY 4A: IMPAIRED WATERS THAT HAVE A TMDL DEVELOPED

Impaired Watershed/Lake	Pollutant	Implementation Priority	Waterbody Type	Monitoring Station	HUC 8	Counties
MIDDLE ARKANSAS - SLATE						
Arkansas River below Wichita	Bacteria	High	Stream		281,729	11030013 SG
Cowskin Creek	Biological	High	Stream		288,702,730	11030013 SG
Cowskin Creek	Bacteria	High	Stream		288	11030013 SG
Arkansas River below Wichita	Biological	Medium	Stream		281	11030013 SG
Arkansas River at Wichita	Chloride	Medium	Stream		281,536	11030013 SG
Lower Arkansas River	Biological	Medium	Stream		218	11030013 SU,CL
Lower Arkansas River	Chloride	Medium	Stream		218,527	11030013 SU,CL
Arkansas River below Wichita	Chlordane	Low	Stream		281	11030013 SG
Arkansas River at Wichita	Sulfate	Low	Stream		281,526	11030013 SG
Lower Arkansas River	Sulfate	Low	Stream		218,527	11030013 SU,CL
Cowskin Creek	Chlordane	Low	Stream		288	11030013 SG
Horseshoe Lake	Eutrophication	Low	Lake		63501	11030013 SG
Kid's Pond	Eutrophication	Low	Lake		63601	11030013 SG
Watson Park	Eutrophication	Low	Lake		64401	11030013 SU
Hargis Lake	Eutrophication	Low	Lake		39901	11030013 SU
Slate Creek Wildlife Area	Eutrophication	Medium	Wetland		14201	11030013 SU
Slate Creek Wildlife Area	Chloride	Medium	Wetland		14201	11030013 SU
Slate Creek Wildlife Area	Siltation	Medium	Wetland		14201	11030013 SU
Slate Creek Wildlife Area	Sulfate	Low	Wetland		14201	11030013 SU
Cadillac Lake	Eutrophication	Low	Wetland		54,101	11030013 SG
NORTH FORK NINNESCAH						
North Fork Ninnescah River	pH	Low	Stream		525	11030014 RN,SF
Cheney Lake	Eutrophication	High	Lake		17001	11030014 RN,SF
Cheney Lake	Siltation	High	Lake		17001	11030014 RN,SF
SOUTH FORK NINNESCAH						
South Fork Ninnescah River	Chloride	Medium	Stream		36	11030015 KM
South Fork Ninnescah River	pH	Low	Stream		36	11030015 KM
Smoots Creek	Bacteria	Medium	Stream		661	11030015 SU
Pratt Co. Lake	Eutrophication	High	Lake		64001	11030015 PR
Kingman Co. State Fishing Lake	Eutrophication	Medium	Lake		10401	11030015 KM
NINNESCAH						
Ninnescah River	Chloride	Medium	Stream		280	11030016 SU
Lake Afton	Eutrophication	High	Lake		49201	11030016 SG
KAW LAKE						
Silver Creek	Dissolved Oxygen	High	Stream		706	11050001 CL
Lower Arkansas River	Biological	Medium	Stream		218	11060001 CL
Lower Arkansas River	Chloride	Medium	Stream		218,527,281	11060001 CL,SU
Lower Arkansas River	Sulfate	Low	Stream		218,527,281	11060001 CL,SU
Cowley Co. State Fishing Lake	Selenium	Low	Lake		13401	11060001 CL

LOWER ARKANSAS BASIN, CONT

CATEGORY 4A: IMPAIRED WATERS THAT HAVE A TMDL DEVELOPED

Impaired Watershed/Lake	Pollutant	Implementation Priority	Waterbody Type	Monitoring Station	HUC 8	Counties
UPPER SALT FORK ARKANSAS						
Mule Creek	Bacteria	Medium	Stream	622	11060002	BA,CM
Mule Creek	Sulfate	Low	Stream	622	11060002	BA,CM
Salt Fork Arkansas River	Chloride	Low	Stream	591	11060002	BA,CM
Salt Fork Arkansas River	Sulfate	Low	Stream	591	11060002	BA,CM
MEDICINE LODGE						
Upper Medicine Lodge River	Bacteria	High	Stream	588	11060003	KW
Elm Creek	Ammonia	High	Stream	Modeled	11060003	BA
Middle Medicine Lodge River	Selenium	Low	Stream	589	11060003	BA
Medicine Lodge River	Sulfate	Low	Stream	220,588,589	11060003	BA,KW
Barber Co. State Fishing Lake	Dissolved Oxygen	Low	Lake	13101	11060003	BA
LOWER SALT FORK ARKANSAS						
Sandy Creek	Bacteria	Medium	Stream	619	11060004	HP
Little Sandy Creek	Bacteria	Medium	Stream	620	11060004	HP,BA
CHIKASKIA						
Fall Creek	Bacteria	High	Stream	Modeled	11060005	SU
Fall Creek	Ammonia	High	Stream	Modeled	11060005	SU
Bluff Creek	Bacteria	High	Stream	530,618	11060005	SU,HP
Bluff Creek	Dissolved Oxygen	High	Stream	530	11060005	SU,HP
Bluff Creek	Selenium	Medium	Stream	618	11060005	HP
Lake Anthony	Eutro. & Siltation	High	Lake	48801	11060005	HP
Wellington Old City Lake	Siltation	Medium	Lake	42201	11060005	SU
Wellington Old City Lake	Selenium	Low	Lake	42201	11060005	SU
Isabel Wildlife Area	Eutrophication	Low	Wetland	14301	11060005	PR

CATEGORY 4B: IMPAIRED WATERS ADDRESSED BY ALTERNATIVES TO TMDLS

Impaired Watershed/Lake	Pollutant	Alternative to TMDL	Implementor	HUC 8	Counties
Arkansas River at Wichita	Bacteria	NPDES Permit	Wichita	11030013	SG
South Fork Ninnescah River	Ammonia	NPDES Permit	Pratt	11030015	PR
Little Arkansas River Watershed	Atrazine	Watershed Plan	Little Arkansas WRAPS	11030012	SG,HV,MP
Red Rock Creek	Atrazine	Watershed Plan	Cheney Lake WRAPS	11030014	RN

UPPER ARKANSAS BASIN

CATEGORY 4A: IMPAIRED WATERS THAT HAVE A TMDL DEVELOPED

Impaired Watershed/Lake	Pollutant	Implementation Priority	Waterbody Type	Monitoring Station	HUC 8	Counties
MIDDLE ARKANSAS - LAKE MC KINNEY						
Arkansas River at Garden City	Bacteria	High	Stream	286	11030001	FI
Arkansas River from Coolidge to Deerfield	Boron	Medium	Stream	223,598	11030001	HM,KE
Arkansas River from Coolidge to Pierceville	Sulfate	Medium	Stream	223,598,286	11030001	HM,KE,FI
Arkansas River from Deerfield to Ford	pH	Medium	Stream	589,286,594	11030001	KE,FI,GY,FO
Hamilton Co State Fishing Lake	Eutrophication	Low	Lake	16101	11030001	HM
Hamilton Co Wildlife Area	Eutrophication	Low	Wetland	16141	11030001	HM
ARKANSAS - DODGE CITY						
Arkansas River from Pierceville to Ford	Bacteria	High	Stream	286,594	11030003	FI,GY,FO
Arkansas River from Pierceville to Kinsley	Sulfate	Medium	Stream	286,594,587	11030003	FI,GY,FO,ED
ARKANSAS - PICKEREL						
Arkansas River below Larned	Ammonia	High	Stream	Modeled	11030004	PN
Arkansas River from Dundee to Great Bend	Bacteria	High	Stream	584,284	11030004	BT
Arkansas River from Ford to Kinsley	Bacteria	High	Stream	594,587	11030004	FO,ED
Arkansas River from Kinsley to Dundee	Bacteria	High	Stream	587,584	11030004	ED,PN,BT
Arkansas River from Ford to Kinsley	Fluoride	Medium	Stream	587,594	11030004	FO,ED
Arkansas River from Kinsley to Great Bend	Sulfate	Medium	Stream	587,584,284	11030004	ED,PN,BT
Arkansas River below Great Bend	Biology	Medium	Stream	284	11030004	BT
PAWNEE						
Upper Pawnee River (& Buckner Creek)	Bacteria	High	Stream	586	11030005, 11030006	HG
BUCKNER						
Ford Co Lake	Eutrophication	High	Lake	70801	11030006	FO
Jetmore Lake	Aquatic Plants	Low	Lake	73901	11030006	HG
UPPER WALNUT						
North Fork Walnut Creek	Bacteria	High	Stream	595	11030007	NS,LE
North Fork Walnut Creek	Sulfate	Low	Stream	595	11030007	NS,LE
LOWER WALNUT						
Stone Lake	Eutrophication	Low	Lake	74001	11030008	BT

CATEGORY 4B: IMPAIRED WATERS ADDRESSED BY ALTERNATIVES TO TMDLS

Impaired Watershed/Lake	Pollutant	Alternative to TMDL	Implementor	HUC 8	Counties
Arkansas River below Garden City	Ammonia	NPDES Permit	Garden City	11030001	FI

CIMARRON BASIN

CATEGORY 4A: IMPAIRED WATERS THAT HAVE A TMDL DEVELOPED

Impaired Watershed/Lake	Pollutant	Implementation Priority	Waterbody Type	Monitoring Station	HUC 8	Counties
UPPER CIMARRON - LIBERAL						
Cimarron River	Chloride	Low	Stream	222	11040006	ME,SW
Cimarron River	pH	Low	Stream	222	11040006	ME,SW
Russell Lake	Eutrophication	Low	Lake	60101	11040006	SV
CROOKED						
Crooked Creek	Chloride	Low	Stream	600	11040007	ME
Lake Meade State Park	Eutrophication	High	Lake	10601	11040007	ME
UPPER CIMARRON - BLUFF						
Cavalry Creek	Bacteria	Medium	Stream	624	11040008	CM,KW
Cimarron River above Protection	Chloride	Low	Stream	592	11040008	CM,CA
Cimarron River above Protection	Sulfate	Low	Stream	592	11040008	CM,CA
Bluff Creek	Sulfate	Low	Stream	593	11040008	CM,CA
Big Basin Wildlife Area	Eutrophication	High	Lake	60001	11040008	CA

CATEGORY 4B: IMPAIRED WATERS ADDRESSED BY ALTERNATIVES TO TMDLS

Impaired Watershed/Lake	Pollutant	Alternative to TMDL	Implementor	HUC 8	Counties
Crooked Creek	Ammonia	NPDES Permit	Meade	11040007	ME

**CATEGORY 4C WATERS: IMPAIRED BY POLLUTION, BUT NOT BY A
POLLUTANT, THEREFORE, NO TMDL IS REQUIRED**

MARAIS DES CYGNES BASIN

CATEGORY 4C: WATERS IMPAIRED BY POLLUTION, NOT POLLUTANTS

Impaired Waterbody	Impairment	Pollution Cause	Waterbody Type	Monitoring Station	HUC 8	Counties
Pottawatomie Creek	Biological	Hydrology - Drought	Stream		556 10290101	AN,FR,MI