

Kansas 2004 303(d) List

IMPAIRMENT KEY

NH3Ammonia
 APAquatic Plants
 AsArsenic
 AtrAtrazine
 BBoron
 BeBeryllium
 CdCadmium
 ClChloride
 CuCopper
 DODissolved Oxygen Deficiency
 EEutrophication
 FCFecal Coliform Bacteria
 FFluoride
 HgMercury
 BioBiological Impairment
 NO3Nitrates, Nitrites
 PbLead
 pHpH
 SeSelenium
 TurbTurbidity
 SO4Sulfate
 TempTemperature
 ZnZinc

BLUE New Impairment for 2004
BLACK Impairment carried forward from previous 303d List(s)
RED Impairment from Previous List; 2004 Analysis Indicates Impairment No Longer Exists
GREEN Acute Aquatic Life Impairment (all other aquatic life impairments are chronic)
BOLD Impairments Assessed by USGS Sample Data

Priority for TMDL development is given by number in parentheses after each impairment

SB notation under **Station #** column indicates Stream Biological Sampling Station

Cimarron River Basin

Streams

HUC8	Station #	Watershed	Main Stem Seg #(s)	Impairment																		
				NH3	Atr	B	Be	Cd	Cl	Cu	DO	FC	F	Hg	BIO	NO23	Pb	pH	Se	SO4	TEMP	Zn
11040006	222	Middle Cimarron R.	1,2-part																Se (2)			
11040007	701	Day Creek	20																	SO4 (2)		
11040008	593	Bluff Cr. (Protection)	2,13																			TEMP (2)
11040008	592	Lower Cimarron R.	5,11																			TEMP (2)

See Appendix CI for Tributaries to Listed Main Stems by Watershed (Assessment Unit). TMDL development priority shown in parentheses after impairment

Lakes

HUC8	Station #	Lake Name	Assessment Unit	Impairment																		
				NH3	AP	Atr	B	Cd	Cl	Chl	Cu	DO	E	FC	F	NO23	Pb	pH	Se	Turb	SO4	Zn
11040002	LM060501	Moss Lake West	Upper Cimarron River												F (2)							SO4 (2)
11040007	LM010601	Lake Meade SP	Crooked Cr. (Englewood)												F (2)							
11040008	LM060001	Big Basin WA	Big Sandy Creek												F (2)							
11040008	LM042601	Lake Coldwater	Coldwater											E (3)								

See Appendix CI for Tributaries to Listed Main Stems by Watershed (Assessment Unit). TMDL development priority shown in parentheses after impairment

Appendix CI

Cimarron Basin

HUC8		11040008	
Watershed		Lower Cimarron River	
Station			
592	Cimarron R (5)	Trout Cr (19)	
		Snake Cr (21)	
		Bear Cr (18)	
		Big Sandy Cr (6)	Stink Cr (17)
			Little Sandy Cr (652)
			Bullard Cr (10)
		Big Sandy Cr (7)	Kiger Cr (8)
		Big Sandy Cr (9)	Antelope Cr (16)
			Twomile Cr (15)
			Indian Cr (14)
			Gyp Cr (25)
	Cimarron R (11)		

HUC8		11040008	
Watershed		Bluff Creek (Protection)	
Station			
593	Bluff Cr (2)		
	Bluff Cr (13)		

HUC8		11040008	
Watershed		Lake Coldwater	
Station			
042601	Cavalry Cr (3)-part		

HUC8		11040008	
Watershed		Day Creek	
Station			
701	Day Cr (20)		

HUC8		11040006	
Watershed		Middle Cimarron River	
Station			
222	Cimarron R (1)		
	Cimarron R (2 - part)		

Kansas / Lower Republican River Basin

Streams				Impairment																			
HUC8	Station #	Watershed	Main Stem Seg #(s)	NH3	Atr	B	Be	Cd	Cl	Cu	DO	FC	F	Hg	BIO	NO23	Pb	pH	Se	SO4	TEMP	Zn	
10270101	260	Kansas River (Wamego)	1,3,4,6																				Zn (2)
10270102	257 (SB372)	Kansas River (Lecompton)	1,3,4,10-part				Be(1)								BIO (1)								
10270102	238	Shunganunga Creek	39,40								DO(2)												
10270102	239 (SB376)	Lower Soldier Cr (Halfday Cr)	97												BIO (2)								
10270102	648 (SB370)	Mission Creek	34,36,37							Cu (2)					BIO (2)								
10270102	259 (SB371)	Kansas River (Willard)	10-part,11,13,14,24-part							Cu (1)					BIO (1)								Zn (1)
10270102	506 (SB506)	West Branch Mill Creek	28,29												BIO (3)								
10270102	520 (SB520)	Lower Vermillion Creek	15,16,17												BIO (1)								
10270102	260	Kansas River (Wamego)	24-part,25																				Zn (2)
10270103	603	Grasshopper Creek	18,20							Cu (2)													
10270104	203	Kansas River (Kansas City)	1,2,3-part							Cu (2)													
10270104	251	Mill Creek (Shawnee)	39																				Zn (1)
10270104	252	Cedar Creek (Cedar Junction)	38													NO23 (1)							
10270104	253	Kill Creek (De Soto)	37							Cu (3)													
10270104	254,255	Kansas River (De Soto)	3,4,18,19,21,23-part							Cu (1)													
10270104	501 (SB378)	Lower Stranger Creek	5,6,7-part		Atr (1)		Be(3)			Cu (1)					BIO (1)								
10270104	683	Crooked Creek (Winchester)	12		Atr (2)																		
10270104	602	Upper Stranger Creek	7-part,8,9		Atr (2)					Cu (2)													
10270104	679	Coal Creek (Sibleyville)	80								DO (1)												
10270104	257	Kansas River (Lecompton)	23				Be(1)																
10270205	505 (SB128)	Black Vermillion River	11,13		Atr (3)					Cu (3)					BIO (3)								
10270205	240	Lower Big Blue River	17,18,20,21-part		Atr (3)		Be(2)			Cu (2)								pH (2)					
10270205	507	Mill Creek (Hanover)	14,16,18,20,22		Atr (3)																		
10270205	233 (SB233)	Upper Big Blue River	21-part		Atr (1)					Cu (1)					BIO (1)				pH (1)				
10270207	232 (SB232)	Upper Little Blue River	4-part							Cu (2)					BIO (2)								
10270207	712	Rose Creek	12		Atr (3)																		
10250016	231 (SB231)	Republican R. (Hardy, NE)	1,2												BIO (2)								
10250016	508	White Rock Creek	45,47,49,50																		SO4 (2)		
10250017	503 (SB503)	Republican R. (blw Clay Center)	7,8-part												BIO (2)								
10250017	710	Mulberry Creek (Clifton)	40																				Zn (3)
10250017	649	Peats Creek	10							Cu (3)													
10250017	510	Republican River (Rice)	26-part,28																				pH (2)

See Appendix KLR for Tributaries to Listed Main Stems by Watershed (Assessment Unit). TMDL development priority shown in parentheses after impairment

Kansas / Lower Republican River Basin

Lakes

HUC8	Station #	Lake Name	Assessment Unit	Impairment																			
				NH3	AP	Atr	B	Cd	Cl	Chl	Cu	DO	E	FC	F	NO23	Pb	pH	Se	Turb	SO4	Zn	
10270102	LM042001	Wabaunsee Co Lake	Mill Creek (Alma)											E (1)									
10270102	LM012201	Lake Shawnee	Shunganunga Creek											E (3)									
10270102	LM012901	Pottawatomie Co SFL #1	Rock Creek (Louisville)									DO (3)	E (2)										
10270102	LM075201	Myers' Pond	Shunganunga Creek															pH (3)					
10270103	LM039701	Lake Jayhawk	Perry											E (2)									
10270103	LM032001	Banner Creek Lake	Elk Creek											E (1)									
10270103	LM029001	Perry Lake	Perry											E (1)									
10270103	LM029041	Perry WA	Delaware River									DO (3)	E (3)										
10270103	LM060601	Atchison County Lake	Grasshopper Creek											E (3)							Turb (1)		
10270104	LM061301	New Olathe Lake	Cedar Cr. (Cedar Junction)											E (1)									
10270104	LM051201	Strowbridge Reservoir	Clinton											E (1)									
10270104	LM062501	Rose's Lake	Mill Creek (Shawnee)											E (2)									
10270104	LM011301	Douglas Co SFL	Coal Creek (Sibleyville)											E (3)									
10270104	LM012301	Leavenworth Co SFL	Nine Mile Creek											E (3)									
10270104	LM014401	Baker Wetlands	Lower Wakarusa River											E (3)				Pb (2)	pH (2)				
10270207	LM010901	Washington Co SFL	Mill Creek (Hanover)											E (2)									
10270207	LM010941	Washington WA	Mill Creek (Hanover)									DO (3)						Pb (2)					
10250016	LM015001	Lovewell Lake	Lovewell											E (2)						pH (3)			
10250017	LM019001	Milford Lake	Milford									DO (3)	E (1)										

See Appendix KLR for Tributaries to Listed Main Stems by Watershed (Assessment Unit). TMDL development priority shown in parentheses after impairment

Appendix KLR

Kansas/Lower Republican Basin

HUC8 10270104			
Watershed Kansas River (Kansas City)			
Station			
203	Kansas R. (1)	Turkey Cr (77)	
		Matton Cr (1178)	
		Muncie Cr (55)	Brenner Heights Cr (1175)
		Barber Cr (373)	
		Little Turkey Cr (62)	
		Tooley Cr (379)	
	Kansas R. (2)	East Mission Cr (61)	West Mission Cr (1164)
		Wolf Cr (53)	Piper Cr (1154)
		Little Kaw Cr (59)	
	Kansas R. (3 - part)		

HUC8 10270104			
Watershed Mill Creek (Shawnee)			
Station			
251	Mill Cr (39)	Hays Cr (406)	
		Clear Cr (383)	
		Little Mill Cr (78)	

HUC8 10270104			
Watershed Cedar Creek (Cedar Junction)			
Station			
252	Cedar Cr (38)	Camp Cr (74)	
		Little Cedar Cr (76)	

HUC8 10270104			
Watershed Kill Creek (DeSoto)			
Station			
253	Kill Cr (37)	Hanson Cr (437)	
		Spoon Cr (75)	
		Unnamed Stream (452)	

HUC8 10270104			
Watershed Kansas River (DeSoto)			
Station			
254	Kansas R (3)		
	Kansas R (4)		
	Kansas R (18)		
255	Kansas R (19)	Kent Cr (73)	
		Mud Cr (20)	Plum Cr (50)
	Kansas R (21)	Baldwin Cr (69)	
	Kansas R (23 - part)	Stone House Cr (57)	E. Stone House Cr (9057)
			W. Stone House Cr (830)
		Oakley Cr (56)	

HUC8 10270104			
Watershed Lower Stranger Creek			
Station			
501	Stranger Cr (5)	Little Wakarusa Cr (71)	
	Stranger Cr (6)	Tonganoxie Cr (14)	
	Stranger Cr (7 - part)	Hog Cr (54)	
		Little Stranger Cr (881)	Little Sandy Cr (883)
		Jarbalo Cr (51)	
		Rock Cr (902)	

HUC8 10270104	
Watershed Crooked Creek (Winchester)	
Station	
683	Crooked Cr (12)

HUC8 10270104			
Watershed Upper Stranger Creek			
Station			
602	Stranger Cr (7 - part)	Full Cr (52)	
		Brush Cr (49)	
		Scatter Cr (13)	Prairie Cr (47)
			Indian Cr (48)
	Stranger Cr (8)	W. Brush Cr (46)	
		Dawson Cr (45)	
		Buttermilk Cr (44)	
		Crooked Cr (10)	Mooney Cr (1011)
			Unnamed Stream (11)
		Crooked Cr (12 - part)	Howard Cr (43)
			Hulls Branch (42)
	Stranger Cr (9)	Camp Cr (41)	
		Little Stranger Cr (959)	

HUC8 10270104	
Watershed Coal Creek (Sibleyville)	
Station	
679	Coal Cr (80)

HUC8 10270104			
Watershed Kansas River (Lecompton)			
Station			
257	Kansas R (23)	10270103 Delaware R (1)	Little Wild Horse Cr (57)
	10270102 Kansas R (1)	Spring Cr (105)	
	Kansas R (3)	Whetstone Cr (104)	
		Tecumseh Cr (107)	
		Little Muddy Cr (99)	
	Kansas R (4)		
	Kansas R (10-part)		

HUC8 10270103			
Watershed Perry Lake			
Station			
029001	Slough Cr (7)	Burr Oak Cr (8)	
	Slough Cr (9)	Honey Cr (55)	
	Little Slough Cr (805)		
	Delaware R (12)	Rock Cr (53)	
		Brush Cr (54)	
		Walnut Cr (51)	
		Cedar Cr (32)	N. Cedar Cr (46)
			S. Cedar Cr (9032)
		Coal Cr (50)	

HUC8 10270103			
Watershed Grasshopper Creek			
Station			
603	Grasshopper Cr (18)	Clear Cr (19)	
	Grasshopper Cr (20)	Otter Cr (41)	Mission Cr (40)

HUC8 10270102			
Watershed Shunganunga Creek			
Station			
238	Shunganunga Cr (39)	Stinson Cr (394)	
		Deer Cr (41)	
	Shunganunga Cr (40)	S. Branch Shunganunga Cr (106)	

HUC8 10270102			
Watershed Lower Soldier Creek			
Station			
239	Soldier Cr (5)	Indian Cr (1365)	Unnamed Stream (1367)
		Halfday Cr (97)	Unnamed Stream (1389)
		Messhoss Cr (96)	

HUC8 10270102			
Watershed Mission Creek			
Station			
648	Mission Cr (35)	Blacksmith Cr (102)	
		Ross Cr (35)	
	Mission Cr (36)	S. Branch Mission Cr (38)	
	Mission Cr (37)	Johnson Cr (84)	
		N. Branch Mission Cr (83)	

HUC8 10270102			
Watershed Kansas River (Willard)			
Station			
	Kansas R (10-part)		
259	Kansas R (11)	Vassar Cr (100)	
		Post Cr (101)	
	Kansas R (13)	Bourbonais Cr (63)	
	Kansas R (14)	Turkey Cr (71)	
		Doyle Cr (69)	Riley Cr (1223)
		Lost Cr (60)	Deep Cr (1229)
		Wells Cr (68)	
	Kansas R (24 - part)		

HUC8	10270102	
Watershed	West Branch Mill Creek	
Station		
506	W. Branch Mill Cr (28)	Loire Cr (80)
	W. Branch Mill Cr (29)	

HUC8	10270102	
Watershed	Lower Vermillion Creek	
Station		
	Vermillion Cr (15)	
520	Vermillion Cr (16)	Adams Cr (53)
		Indian Cr (20)
	Vermillion Cr (17 - part)	Pomeroy Cr (59)
		Jim Cr (52)
		Spring Cr (54)

HUC8	10270102	
Watershed	Kansas River (Wamego)	
Station		
260	Kansas R (24 - part)	Antelope Cr (67)
	Kansas R (25)	Blackjack Cr (64)
		Sand Cr (65)
	10270101 Kansas R (1)	
	Kansas R (3)	
	Kansas R (4)	Sevenmile Cr (5)
	Kansas R (6)	

HUC8	10270205		
Watershed	Black Vermillion River		
Station			
505	Black Vermillion R (8)	Corndodger Cr (52)	
		DeShazer Cr (55)	
		Clear Fk Black Vermillion R (9)	Jim Cr (57)
	Black Vermillion R (10)	Johnson Fork (51)	
		Cedar Cr (56)	
		Robidoux Cr (16)	Dog Walker Cr (53)
			Perkins Cr (47)
	Black Vermillion R (11)	Little Timber Cr (48)	
		S. Fk. Black Vermillion R (12)	Kearney Branch (58)
	Black Vermillion R (13)	Ackerman Cr (49)	
		N. Fk. Black Vermillion R (15)	Weyer Cr (50)
	Black Vermillion R (14)		

HUC8	10270205		
Watershed	Lower Big Blue River		
Station			
240	Big Blue R (17)	Elm Cr (46)	
	Big Blue R (18)	Dutch Cr (44)	
		Hop Cr (43)	
		Spring Cr (19)	Schell Cr (45)
			Lily Cr (39)
	Big Blue R (20)		
	Big Blue R (21-part)	Deer Cr (36)	
		Scotch Cr (38)	

HUC8	10270207		
Watershed	Mill Creek (Hanover)		
Station			
507	Mill Cr (14)	Spring Cr (aka Devils Cr) (15)	Spring Cr (30)
	Mill Cr (16)	Ash Cr (36)	
		Camp Cr (35)	
		Riddle Cr (17)	
	Mill Cr (18)	Buffalo Cr (32)	
		Melvin Cr (33)	
		Salt Cr (19)	
	Mill Cr (20)	Iowa Cr (34)	
		Jones Cr (29)	
		Gray Branch (27)	
		Bowman Cr (21)	
	Mill Cr (22)	Meyer Cr (26)	
		S. Fk. Mill Cr (31)	
		Cherry Cr (25)	

HUC8	10270207		
Watershed	Upper Little Blue River		
Station			
232	Little Blue R (4 - part)	School Cr (49)	
		Silver Cr (28)	
		Humphrey Branch (24)	
		10270206 Dry Cr (41)	

HUC8	10270207		
Watershed	Rose Creek		
Station			
712	Rose Cr (12)		

HUC8	10270205		
Watershed	Upper Big Blue River		
Station			
233	Big Blue River (21)	Bommer Cr (40)	
		N. Elm Cr (41)	
		Mission Cr (22)	Murdock Cr (42)

HUC8	10250017		
Watershed	Milford Lake		
Station			
	Republican R (1)	Fourmile Cr (67)	
019001	Rush Cr (1477)		
	Timber Cr (6)		

HUC8 10250017			
Watershed Republican River (blw Clay Center)			
Station			
	Republican R (7)		
503	Republican R (8 - part)	Otter Cr (66)	
		Lincoln Cr (65)	
		Finney Cr (64)	
		Huntress Cr (9354)	Spring Cr (1354)
			Dry Cr (1369)

HUC8 10250017	
Watershed Mulberry Creek (Clifton)	
Station	
710	Mulberry Cr (40)

HUC8 10250017			
Watershed Peats Creek			
Station			
649	Peats Cr (10)	Spring Cr (53)	

HUC8 10250017			
Watershed Republican River (Rice)			
Station			
510	Republican R (26 - part)	Cool Cr (50)	
		Lost Cr (57)	
		Hay Cr (49)	
	Republican R (28)	Oak Cr (48)	
		Beaver Cr (45)	

HUC8 10250016			
Watershed Republican R (Hardy, NE)			
Station			
	Republican R (1)	Dry Cr (80)	
		Otter Cr (79)	
		Whiterock Cr (41)	Bean Cr (76)
		Spring Cr (78)	
231	Republican R (2)	Forsha Cr (86)	
		Crosby Cr (77)	
		Oak Cr (75)	
		Ayres Cr (70)	
		Rankin Cr (69)	
		Advent Cr (64)	
		Cedar Cr (63)	
		Louisa Cr (61)	
		State Cr (62)	
		Buffalo Cr (59)	
		Walnut Cr (40)	
		Rock Cr (57)	
		Lohff Cr (56)	
		Calumet Cr (54)	
		Lost Cr (53)	
		Rebecca Cr (39)	
		Crow Cr (52)	

HUC8 10250016		
Watershed Lovewell Lake		
Station		
15001	Whiterock Cr (45 -part)	Taylor Cr (64)
		Norway Cr (73)
		Big Timber Cr (1301)
		Spring Cr (71)

HUC8 10250016		
Watershed White Rock Creek		
Station		
508	White Rock Cr (45-part)	Korb Cr (72)
		Long Branch (68)
		Antelope Cr (66)
		Wolf Cr (67)
		Walnut Cr (46)
	White Rock Cr (47)	Burr Oak Cr (48)
	White Rock Cr (49)	Ash Cr (65)
		N. Branch White Rock Cr (60)
		Cora Cr (51)
	White Rock Cr (50)	

Lower Arkansas River Basin

Streams				Impairment																			
HUC8	Station #	Watershed	Main Stem Seg #(s)	NH3	Atr	B	Be	Cd	Cl	Cu	DO	FC	F	Hg	BIO	NO23	Pb	pH	Se	SO4	TEMP	Zn	
11060001	218	Arkansas R. (Arkansas City)	14,18						Cl (1)														
11060001	706	Silver Creek	17							Cu (1)													
11060002	591	Salt Fork Arkansas River	4,6,8,10,11,13,15																			TEMP (1)	
11060003	220	Lower Medicine Lodge R.	2,6-part																			TEMP (1)	
11060003	589	Middle Medicine Lodge R.	6-part,8-part																		SO4 (1)		
11060005	529	Lower Chikaskia River	8,9-part				Be (1)			Cu (1)													
11030010	536	Arkansas R. (Maize)	1-part						Cl (1)														
11030010	524 (SB283)	Arkansas R. (Yoder)	1-part, 3						Cl (1)						BIO (1)								
11030010	659	Salt Creek (Hutchinson)	7						Cl (1)														
11030010	523	Arkansas R. (Hutchinson)	4,5						Cl (1)														
11030011	287	Cow Creek (Hutchinson)	1755						Cl (1)											Se (1)			
11030011	522	Cow Creek (Willowbrook)	1						Cl (1)														Zn (1)
11030011	656	Little Cow Creek	2	NH3 (1)					Cl (1)	Cu (1)						NO23 (1)							
11030011	657	Cow Creek (Lyons)	3,5,6						Cl (1)														
11030012	728	Lower Little Arkansas River	1-part							Cu (1)													
11030012	282	Middle Little Arkansas R.	1-part,3,5,9,10-part		Atr (1)					Cu (1)													
11030012	535	Sand Creek	4		Atr (1)						DO (1)					NO23 (1)							
11030012	534	Emma Creek	12		Atr (1)						DO (1)												
11030012	705	Black Kettle Creek	368							Cu (1)	DO (1)												
11030012	246	Upper Little Arkansas R.	10-part, 14		Atr (1)				Cl (1)	Cu (1)													
11030012	533	Turkey Creek (Alta Mills)	11,12						Cl (1)										Se (1)				Zn (1)
11030013	218	Arkansas R. (Arkansas City)	1,2-part						Cl (1)										pH (1)				
11030013	528	Slate Creek	17																		SO4 (1)		
11030013	527	Arkansas R. (Oxford)	2-part,18,3-part						Cl (1)														
11030013	702	Lower Cowskin Creek	10							Cu (1)													
11030013	281	Arkansas R. (Derby)	3-part						Cl (1)												Pb (1)		
11030013	288	Cowskin Cr. (Big Slough)	456,9010,12							Cu (1)												pH (1)	
11030013	729	Arkansas R. (Wichita)	3-part		Atr (1)				Cl (1)														
11030015	036	S.F. Ninescah River	1,3,4,6						Cl (1)														TEMP (1)
11030016	280	Ninescah River	1,3,8						Cl (1)														

See Appendix LA for Tributaries to Listed Main Stems by Watershed (Assessment Unit). TMDL development priority shown in parentheses after impairment

Lower Arkansas River Basin

Lakes				Impairment																			
HUC8	Station #	Lake Name	Assessment Unit	NH3	AP	Atr	B	Cd	Cl	Chl	Cu	DO	E	FC	F	NO23	Pb	pH	Se	Turb	SO4	Zn	
11030009	LM050201	Quivira Little Salt Marsh	Lower Rattlesnake Creek						Cl (1)												Turb (1)		
11030009	LM042801	Kiowa SFL	Upper Rattlesnake Creek										E (1)										
11030009	LM050601	Quivira Big Salt Marsh	Lower Rattlesnake Creek						Cl (1)												Turb (1)		
11030011	LM064801	Sterling City Lake	Cow Creek (Willowbrook)										E (1)										
11030011	LM050401	Cheyenne Bottoms WA	Cheyenne Bottoms						Cl (1)												Turb (1)	SO4 (1)	
11030012	LM064701	Mingenback Lake	Turkey Creek (Alta Mills)																		Turb (1)		
11030012	LM049001	Harvey Co West Lake	Upper Little Arkansas R.									DO (1)											
11030013	LM064601	Chisholm Creek Park Lake	Arkansas River (Wichita)										E (1)										
11030013	LM014201	Slate Creek WA	Slate Creek				B (1)																
11030013	LM064301	Vic's Lake	Upper Cowskin Creek										E (1)										
11030015	LM063901	Lemon Park Lake	S Fk Ninnescah River										E (1)										
11030015	LM053001	Texas Lake WA	S Fk Ninnescah River									DO (1)	E (1)								Turb (1)		
11030015	LM010441	Kingman WMA	S Fk Ninnescah River										E (1)								Turb (1)		
11030015	LM064001	Pratt Co Lake	S Fk Ninnescah River															pH (1)					
11060001	LM013401	Cowley Co. SFL	Grouse Creek										E (1)										
11060003	LM013101	Barber Co SFL/WA	Elm Cr. (Medicine Lodge)																			SO4 (1)	
11060005	LM048801	Anthony City Lake	Bluff Creek (Bluff City)									DO (1)	E (1)					pH (1)		Turb (1)			
11060005	LM014301	Isabel WA	Upper Chikasia River								Cu (1)	DO (1)											

See Appendix LA for Tributaries to Listed Main Stems by Watershed (Assessment Unit). TMDL development priority shown in parentheses after impairment

Appendix LA

Lower Arkansas Basin

HUC8 11060005				
Watershed Lower Chikaskia River				
Station				
529	Chikaskia R (8)	Spring Cr (25)		
		Rodgers Branch (26)		
		Prairie Cr (512)	East Prairie Cr (516)	
			West Prairie Cr (527)	Long Cr (529)
		Beaver Cr (28)		
		Shore Cr (35)		
		Silver Cr (29)		
		East Sand Cr (12)		
	Chikaskia R (9 - part)	Spring Cr (31)		
		Sandy Cr (30)		

HUC8 11060003				
Watershed Lower Medicine Lodge R.				
Station				
220	Medicine Lodge R (2)	Wilson Slough (23)		
		Antelope Cr (22)		
	Medicine Lodge R (6 - part)	Cedar Cr (20)		

HUC8 11060003				
Watershed Middle Medicine Lodge R.				
Station				
589	Medicine Lodge R (6 - part)	Unnamed Stream (370)		
		Bitter Cr (18)		
		Little Bear Cr (19)		
		Sand Cr (17)		
		Unnamed Stream (415)		
		Puckett Cr (15)		
		Cottonwood Cr (16)		
		Bear Cr (13)		
		Mulberry Cr (14)		
		Turkey Cr (7)	Unnamed Stream (452)	
	Medicine Lodge R (8 - part)	Soldier Cr (27)		

HUC8 11060002				
Watershed Salt Fork Arkansas River				
Station				
591	Salt Fk. Arkansas R (4)	Big Sandy Cr (5)	Deadman Cr (22)	
	Salt Fk. Arkansas R (6)	Cave Cr (28)		
	Salt Fk. Arkansas R (8)	Indian Cr (9)		
	Salt Fk. Arkansas R (10)	Red Cr (16)		
	Salt Fk. Arkansas R (11)	Dog Cr (29)		
		Wildcat Cr (12)		
	Salt Fk. Arkansas R (13)	Mustang Cr (31)		
	Salt Fk. Arkansas R (15)	Cottonwood Cr (30)		
		Unnamed Stream (503)		

HUC8	11060001		
Watershed	Silver Creek		
Station			
706	Silver Cr (17)	Pebble Cr (26)	
		Snake Cr (25)	
		Plum Cr (33)	

HUC8	11030013		
Watershed	Arkansas R (Arkansas City)		
Station			
	Arkansas R (14): Downstream extension to HUC 11060001 from Sta. 218		
	Arkansas R (18): Downstream extension to HUC 11060001 from Sta. 218		
218	Arkansas R (1)	Negro Cr (20)	
		Spring Cr (19)	
		Spring Cr (21)	
		Salt Cr (22)	
		Beaver Cr (33)	
	Arkansas R (2 - part)		

HUC8	11030013		
Watershed	Slate Creek		
Station			
528	Slate Cr (17)	Winser Cr (32)	
		Badger Cr (31)	
		Antelope Cr (25)	
		Beaver Cr (29)	
		Hargis Cr (24)	
		Oak Cr (26)	
		Spring Cr (27)	

HUC8	11030013		
Watershed	Arkansas River (Oxford)		
Station			
527	Arkansas R (2 -part)	Spring Cr (34)	
		Lost Cr (23)	
	Arkansas R (18)		
	Arkansas R (3 - part)	Bitter Cr (28)	
		Dog Cr (531)	

HUC8	11030016		
Watershed	Ninnescah River		
Station			
280	Ninnescah R (1)	Elm Cr (10)	
		Spring Cr (2)	Dry Cr (16)
	Ninnescah R (3)	Garvey Cr (11)	
		Silver Cr (12)	
		Turtle Cr (13)	
		Spring Cr (15)	
		Clearwater Cr (4)	Afton Cr (148)
		Clearwater Cr (8)	Polecat Cr (59)
			Clear Cr (161)
	Ninnescah R (8)	Sand Cr (14)	

HUC8	11030015		
Watershed	South Fk. Ninnescah R.		
Station			
	S.F. Ninnescah R (1)	Mod Cr (19)	
		Nester Cr (15)	
36	S.F. Ninnescah R (3)	Coon Cr (17)	
		Sand Cr (18)	
		Negro Cr (13)	
		Hunter Cr (14)	
		Unnamed Stream (249)	
		Unnamed Stream (520)	
		Unnamed Stream (514)	Unnamed Stream (518)
		Wild Run Cr (16)	
		Petyt Cr (12)	
		Unnamed Stream (253)	
		Unnamed Stream (259)	
		Unnamed Stream (261)	
		Pat Cr (11)	
		Mead Cr (10)	
		Unnamed Stream (270)	
		Painter Cr (7)	
	S.F. Ninnescah R (4)	Unnamed Stream (417)	
		Coon Cr (9)	
		Natrona Cr (307)	
		W. Br. S.F. Ninnescah R (5)	
	S.F. Ninnescah R (6)		

HUC8	11030014		
Watershed	North Fork Ninnecah R.		
Station			
525	N. Fk. Ninnescah R (5)-part	Red Rock Cr (12)	
		Silver Cr (7)	Goose Cr (10)
			Wolf Cr (9)
			Unnamed Stream (289)
	N. Fk. Ninnescah R (6)	Dooleyville Cr (8)	

HUC8	11030013		
Watershed	Lower Cowskin Creek		
Station			
702	Cowskin Cr (10)		

HUC8	11030013		
Watershed	Arkansas River (Derby)		
Station			
281	Arkansas R (3 - part)	Spring Cr (37)	

HUC8	11030013		
Watershed	Cowskin Creek (Big Slough)		
Station			
	W V C Floodway (456)		
288	W V C Floodway (9010)		
	Cowskin Cr (12)	W V C Floodway (9011)	
		W V C Floodway (9001)	Big Slough (11)
		Dry Cr (16)	

HUC8	11030013		
Watershed	Arkansas River (Wichita)		
Station			
729	Arkansas R (3 - part)	Chisholm Cr (4)	Gypsum Cr (5)
		Chisholm Cr (6)	E. Chisholm Cr (7)
		Chisholm Cr (8)	

HUC8	11030012		
Watershed	Lower Little Arkansas R.		
Station			
728	Little Arkansas R (1 - part)	Middle Fk. Chisholm Cr (817)	
		Chisholm Cr (1693)	

HUC8	11030012		
Watershed	Middle Little Arkansas R.		
Station			
282	Little Arkansas R (1 - part)	Jester Cr (2)	Gooseberry Cr (17)
			W. Fk. Jester Cr (18)
	Little Arkansas R (3)		
	Little Arkansas R (5)		
	Little Arkansas R (9)		
	Little Arkansas R (10 -part)		

HUC8	11030012		
Watershed	Sand Creek		
Station			
535	Sand Cr (4)	Mud Cr (16)	
		Beaver Cr (26)	

HUC8	11030012		
Watershed	Emma Creek		
Station			
534	Emma Cr (6)	Middle Emma Cr (7)	
		West Emma Cr (8)	

HUC8	11030012		
Watershed	Black Kettle Creek		
Station			
705	Black Kettle Cr (368)		

HUC8	11030012		
Watershed	Upper Little Arkansas R.		
Station			
246	Little Arkansas R (10 - part)		
	Little Arkansas R (14)	Sand Cr (23)	
		Lone Tree Cr (20)	
		Dry Cr (22)	
		Salt Cr (21)	
		Horse Cr (19)	

HUC8	11030012		
Watershed	Turkey Creek (Alta Mills)		
Station			
533	Turkey Cr (11)	Dry Turkey Cr (13)	Bull Cr (24)
	Turkey Cr (12)	Running Turkey Cr (25)	

HUC8	11030010		
Watershed	Arkansas River (Maize)		
Station			
536	Arkansas R (1 - part)	Big Slough (9011)	S. F. Big Slough (9035)
		Gar Cr (8)	

HUC8	11030011		
Watershed	Cow Creek (Hutchinson)		
Station			
287	Cow Cr (1755)		

HUC8	11030010		
Watershed	Arkansas River (Yoder)		
Station			
524	Arkansas R (1 - part)		
	Arkansas R (3)		

HUC8	11030011		
Watershed	Cow Creek (Willowbrook)		
Station			
522	Cow Cr (1)	Dry Cr (22)	
		Jarvis Cr (19)	
		Owl Cr (18)	

HUC8	11030011		
Watershed	Little Cow Creek		
Station			
656	Little Cow Cr (2)	Salt Cr (21)	

HUC8	11030011		
Watershed	Cow Creek (Lyons)		
Station			
657	Cow Cr (3)	Spring Cr (20)	
		Lost Cr (17)	
		Plum Cr (4)	
	Cow Cr (5)	Calf Cr (16)	
		Little Cheyenne Cr (7)	
	Cow Cr (6)		

HUC8	11030011		
Watershed	Cheyenne Bottoms		
Station			
050401	Blood Cr (15)		
	Deception Cr (13)		

HUC8	11030010		
Watershed	Salt Creek (Hutchinson)		
Station			
659	Salt Cr (7)		

HUC8	11030010		
Watershed	Arkansas River (Hutchinson)		
Station			
523	Arkansas R (4)		
	Arkansas R (5)		

Appendix MC

Marais des Cygnes Basin

HUC8	10290104	
Watershed	W. Fk. Drywood Creek	
Station		
617	W. Fk. Drywood Cr (19)	Walnut Cr (47)
		Bone Cr (9019)
	W. Fk. Drywood Cr (323)	

HUC8	10290104		
Watershed	Lower Marmaton R.		
Station			
	Marmaton R. (5)	Lath Branch (42)	
208	Marmaton R. (7 - part)	Wolverine Cr (35)	
		Mill Cr (6)	Little Mill Cr (34)

HUC8	10290104			
Watershed	Upper Marmaton River			
Station				
559	Marmaton R (7 - part)			
	Marmaton R (8)			
	Marmaton R (11)	Cedar Cr (41)		
		Paint Cr (13)	Pawnee Cr (313)	Elm Cr (15)
		Paint Cr (14)	Bunion Cr (39)	
			Hinton Cr (38)	
			Owl Cr (45)	
			Prong Cr (44)	
	Marmaton R (12)	Robinson Branch (40)		
		Walnut Cr (32)		
		Turkey Cr (33)		
		Tennyson Cr (31)		
		Wolfpen Cr (37)		
		Sweet Branch (30)		

HUC8	10290103	
Watershed	Little Osage River	
Station		
207	Little Osage R (3)	Indian Cr (12)
		Fish Cr (8)
		East Laberdie Cr (13)
		Clever Cr (7)
		Elk R. (11)
		Lost Cr (10)
		Reagan Branch (6)
		Limestone Cr (5)
		Owl Cr (9)
		Irish Cr (202)
		S.F. Little Osage R (249)
		N.F. Little Osage R. (220)
		Middle Fk. Little Osage R (36)

HUC8	10290102		
Watershed	Big Sugar Creek		
Station			
558	Big Sugar Cr (31)	Little Sugar Cr (33)	
	Big Sugar Cr (32)	Richland Cr (41)	Turkey Cr (1029)
		Turkey Cr (45)	
		Davis Cr (38)	
		N. Sugar Cr (39)	
		Sugar Cr (42)	

HUC8	10290102	
Watershed	La Cygne Lake	
Station		
044002	N. Sugar Cr (10)	

HUC8	10290102	
Watershed	Middle Creek (New Lancaster)	
Station		
697	Middle Cr (12)	Walnut Cr (14)
	Middle Cr (13)	Jake Branch (54)

HUC8	10290102			
Watershed	Bull Creek			
Station				
557	Bull Cr (24)	S. Wea Cr (18)	Dorsey Cr (22)	
		S. Wea Cr (19)	N. Wea Cr (21)	Unnamed Stream (754)
		S. Wea Cr (20)		
		Walnut Cr (52)		
		Tenmile Cr (25)	Sweetwater Cr (49)	
			Elm Branch (48)	

HUC8	10290101		
Watershed	Pottawatomie Creek		
Station			
556	Pottawatomie Cr (51)	Mosquito Cr (52)	
	Pottawatomie Cr (53)	Sac Branch (54)	N.Fk. Sac Branch (9054)
	Pottawatomie Cr (55)	S. Fk. Pottawatomie Cr (67)	Bradshaw Cr (75)
	Pottawatomie Cr (56)	Dry Cr (57)	
	Pottawatomie Cr (59)	Cedar Cr (66)	
	Pottawatomie Cr (61)	Sac Cr (60)	
	Pottawatomie Cr (63)	Iantha Cr (62)	
		Kenoma Cr (64)	
		N. Fk. Pottawatomie Cr (65)	Thomas Cr (72)
			Cherry Cr (74)

HUC8	10290101		
Watershed	Ottawa Creek		
Station			
616	Ottawa Cr (9011)	Walnut Cr (90)	
		Tauy Cr (11)	E. Fk. Tauy Cr (85)

HUC8	10290101		
Watershed	Marais des Cygnes (Ottawa)		
Station			
	Marais des Cygnes R (1)	Plum Cr (2)	
	Marais des Cygnes R (3)	Turkey Cr (4)	Unnamed Stream (5)
		Turkey Cr (6)	
	Marais des Cygnes R (7)	Hickory Cr (8)	
	Marais des Cygnes R (9)	Middle Cr (50)	
	Marais des Cygnes R (10)		
270	Marais des Cygnes R (12)	Rock Cr (97)	
		Wilson Cr (83)	
		Eightmile Cr (13)	Sand Cr (82)
			Spring Cr (84)
			W. Fk. Eightmile Cr (88)
	Marais des Cygnes R (14)	Mud Cr (49)	
	Marais des Cygnes R (15)		

HUC8	10290101		
Watershed	Appanoose Creek		
Station			
692	Appanoose Cr (16)	E. Appanoose Cr (89)	

HUC8	10290101		
Watershed	Marais des Cygnes River (Richter)		
Station			
555	Marais des Cygnes R (17 - part)	Blue Cr (81)	
		Coal Cr (48)	
	Marais des Cygnes R (18)	Hard Fish Cr (47)	
	Marais des Cygnes R (19)		

HUC8	10290101		
Watershed	Upper Hundred and Ten Mile Creek		
Station			
633	Hundred and Ten Mile Cr (25)		

HUC8	10290101		
Watershed	Switzler Creek		
Station			
687	Switzler Cr (80)		

HUC8	10290101		
Watershed	Salt Creek (Lyndon)		
Station			
578	Salt Cr (29)	Jersey Cr (76)	
		Mute Cr (92)	

HUC8	10290101		
Watershed	Hundred Forty Two Mile Creek		
Station			
579	Hundred Forty Two Mile Cr (40)	Hill Cr (71)	

Missouri River Basin

Streams

HUC8	Station #	Watershed	Main Stem Seg #(s)	Impairment																	
				NH3	Atr	B	Be	Cd	Cl	Cu	DO	FC	F	Hg	BIO	NO23	Pb	pH	Se	SO4	TEMP
10240005	201 (SB363)	Wolf River	53,54,56		Atr (2)										BIO (2)						
10240007	234 (SB234)	Lower S Fk Big Nemaha R.	3,15,16-part												BIO (1)						
10240007	601	Turkey Creek (Bern)	4,5							Cu (2)											
10240008	552	Roys Creek	40-part							Cu (3)											Zn (1)
10240008	292	Walnut Creek (Reserve)	39-part		Atr (1)																
10240011	553	Independence Creek	20,22							Cu (3)											
10300101	205	Blue River	33								DO (1)										
10300101	204	Indian Creek	32													NO23 (1)					

See Appendix MO for Tributaries to Listed Main Stems by Watershed (Assessment Unit). TMDL development priority shown in parentheses after impairment

Lakes

HUC8	Station #	Lake Name	Assessment Unit	Impairment																	
				NH3	AP	Atr	B	Cd	Cl	Chl	Cu	DO	E	FC	F	NO23	Pb	pH	Se	Turb	SO4
10240011	LM067801	Jerry's Lake	Independence Creek											E (3)							
10240011	LM985910	Atchison City Lake	Atchison City Lake											E (2)							
10240011	LM042401	Wyandotte Co Lake	Wyandotte Co Lake											E (1)							
10240011	LM012601	Atchison Co SFL	Independence Creek																pH (3)		
10300101	LM062401	Heritage Park Lake	Blue River											E (3)							

See Appendix MO for Tributaries to Listed Main Stems by Watershed (Assessment Unit). TMDL development priority shown in parentheses after impairment

Appendix MO

Missouri Basin

HUC8	10300101	
Watershed	Blue River	
Station		
205	Blue River (33)	Camp Branch (56)
		Coffee Cr (57)
		Wolf Cr (1102)

HUC8	10300101	
Watershed	Indian Creek	
Station		
		Dyche Cr (55)
204	Indian Cr (32)	Tomahawk Cr (53)

HUC8	10240011	
Watershed	Independence Creek	
Station		
553	Independence Cr (20)	Deer Cr (32)
		Rock Cr (21)
	Independence Cr (22)	Jordan Cr (30)
		N. Branch Independence Cr (29)

HUC8	10240005	
Watershed	Wolf River	
Station		
201	Wolf R (53)	Striker Branch (72)
		Coon Cr (71)
		Rittenhouse Branch (69)
		Cold Ryan Branch (70)
		Halling Cr (68)
		S. Fk. Wolf R (57)
	Wolf R (54)	Unnamed Stream (55)
	Wolf R (56)	Middle Fk. Wolf R (67)
		Unnamed Stream (0)
		N. Fk. Wolf R (66)

HUC8	10240008	
Watershed	Roys Creek	
Station		
552	Roys Cr (40) seg partially in N.A.I.R.	

HUC8	10240008	
Watershed	Walnut Creek (Reserve)	
Station		
292	Walnut Cr (39) seg partially in N.A.I.R.	Terrapin Cr (308)

HUC8	10240007		
Watershed	Lower S. Fk. Big Nemaha River		
Station			
234	S. Fk. Big Nemaha R (3)		
	S. Fk. Big Nemaha R (15)	Deer Cr (18)	Wolf Pen Cr (25)
	S. Fk. Big Nemaha R (16 - part)	Harris Cr (166)	
		Wildcat Cr (23)	
		Fisher Cr (28)	
		Tennessee Cr (29)	

HUC8	10240007		
Watershed	Turkey Creek (Bern)		
Station			
601	Turkey Cr (4)	Burger Cr (24)	
		Clear Cr (132)	
		Wolf Cr (12)	Manley Cr (14)
		Wolf Cr (13)	
	Turkey Cr (5)	Wildcat Cr (22)	

Appendix NE

Neosho Basin

HUC8	11070207
Watershed	Turkey Creek (Joplin, MO)
Station	
211	Turkey Cr (18)

HUC8	11070207	
Watershed	Cow Creek (Lawton)	
Station		
567	Cow Cr (16)	Long Branch (21)
		Taylor Branch (25)
		Brush Cr (26)
		E. Cow Cr (24)
		First Cow Cr (27)
		Clear Cr (28)

HUC8	11070205		
Watershed	Lower Labette Creek		
Station			
571	Labette Cr (20)	Turkey Cr (29)	
		Lake Cr (24)	Deer Cr (27)
			Hackberry Cr (460)
	Labette Cr (21 - part)	Spring Cr (30)	

HUC8	11070205	
Watershed	Upper Labette Creek	
Station		
564	Labette Cr (21 - part)	Unnamed Stream (298)
		Unnamed Stream (303)
		Unnamed Stream (304)
		Unnamed Stream (305)
		Little Labette Cr (23)
	Labette Cr (22)	Tolen Cr (39)

HUC8	11070204	
Watershed	Big Creek (Chanute)	
Station		
611	Big Cr (2)	Draw Cr (34)
		Turkey Branch (28)
		Goose Cr (29)
		Mud Cr (31)

HUC8	11070204		
Watershed	Neosho River (Chanute)		
Station			
271, 560	Neosho R (3)	Turkey Cr (32)	Little Turkey Cr (397)
		Sutton Cr (35)	
		Village Cr (33)	
		Coal Cr (4)	Slack Cr (30)
			Charles Branch (27)
	Neosho R (5)	Mud Cr (26)	
	Neosho R (6)	Onion Cr (24)	
		Rock Cr (7)	Elm Cr (1050)
	Neosho R (8)		
	Neosho R (10 - part)	Martin Cr (49)	
		Indian Cr (924)	Little Indian Cr (939)
		Rock Cr (23)	
		Spring Cr (46)	
		Twiss Cr (45)	
		Crooked Cr (44)	

HUC8	11070204		
Watershed	Owl Creek		
Station			
610	Owl Cr (19)	Bloody Run (25)	
		Cherry Cr (20)	Plum Cr (22)
	Owl Cr (21)	S. Owl Cr (552)	

HUC8	11070204		
Watershed	Deer Creek (Iola)		
Station			
609	Deer Cr (9)	Cottonwood Cr (48)	
		Carlyle Cr (47)	

HUC8	11070204		
Watershed	Turkey Creek (Leroy)		
Station			
614	Turkey Cr (18)		

HUC8	11070204		
Watershed	Long Creek		
Station			
695	Long Cr (12)	Badger Cr (42)	
		Scott Cr (40)	
		School Cr (38)	

HUC8	11070201		
Watershed	Neosho River (Emporia)		
Station			
580	Neosho R (2)	Plum Cr (49)	

HUC8	11070202	
Watershed	Cedar Creek (Cedar Point)	
Station		
583	Cedar Cr (22)	Coon Cr (32)
		Turkey Cr (31)
		Bills Cr (30)

HUC8	11070202	
Watershed	Mud Creek (Marion)	
Station		
691	Mud Cr (6)	

HUC8	11070202	
Watershed	North Cottonwood River	
Station		
636	N. Cottonwood R (14)	Perry Cr (23)
		Dry Cr (401)

HUC8	11070201	
Watershed	Fourmile Creek	
Station		
630	Fourmile Cr (24)	Wolf Cr (41)
		Spring Cr (40)
		East Cr (39)

HUC8	11070201	
Watershed	Munkers Creek	
Station		
631	Munkers Cr (18)	Middle Br. Munkers Cr (E. Br. Munkers Cr (31)

HUC8	11070201	
Watershed	Lairds Creek	
Station		
632	Lairds Cr (30)	

Solomon River Basin

Streams				Impairment																				
HUC8	Station #	Watershed	Main Stem Seg #(s)	NH3	Atr	B	Be	Cd	Cl	Cu	DO	FC	F	Hg	BIO	NO23	Pb	pH	Se	SO4	TEMP	Zn		
10260012	544	Oak Creek	2,4								DO (2)													
10260012	721	Deer Creek (Kirwin)	23,25,27,29,31								DO (1)													
10260015	266	Lower Solomon R.	1,3,5,6,8,12-part																				Zn (1)	
10260015	651	Pipe Creek	9,10							Cu (1)														Zn (2)

See Appendix SO for Tributaries to Listed Main Stems by Watershed (Assessment Unit). TMDL development priority shown in parentheses after impairment

Lakes				Impairment																			
HUC8	Station #	Lake Name	Assessment Unit	NH3	AP	Atr	B	Cd	Cl	Chl	Cu	DO	E	FC	F	NO23	Pb	pH	Se	Turb	SO4	Zn	
10260013	LM012001	Webster Lake	Webster																		Turb (2)		
10260015	LM012801	Jewell Co. SFL	Limestone Creek										E (3)								Turb (2)		

See Appendix SO for Tributaries to Listed Main Stems by Watershed (Assessment Unit). TMDL development priority shown in parentheses after impairment

Appendix SO

Solomon Basin

HUC8 10260015		
Watershed Lower Solomon River		
Station		
266	Solomon R (1)	Coal Cr (2)
	Solomon R (3)	Sand Cr (4)
	Solomon R (5)	Antelope Cr (58)
		Battle Cr (57)
	Solomon R (6)	Lindsey Cr (7)
	Solomon R (8)	
	Solomon R (12 - part)	Dry Cr (52)
		Yockey Cr (50)
		Mortimer Cr (49)
		Cris Cr (48)

HUC8 10260015		
Watershed Pipe Creek		
Station		
651	Pipe Cr (9)	W. Pipe Cr (11)
	Pipe Cr (10)	

HUC8 10260012		
Watershed Oak Creek		
Station		
544	Oak Cr (2)	Little Oak Cr (3)
	Oak Cr (4)	Buck Cr (43)
		E. Oak Cr (40)
		W. Oak Cr (39)

HUC8 10260012		
Watershed Deer Creek (Kirwin)		
Station		
721	Deer Cr (23)	Plum Cr (24)
	Deer Cr (25)	Big Cr (26)
	Deer Cr (27)	Spring Cr (28)
	Deer Cr (29)	Plotner Cr (30)
	Deer Cr (31)	Broughton Cr (34)
		Starvation Cr (38)

HUC8 10260013		
Watershed Webster Lake		
Station		
012001	S. Fk. Solomon R (4)-part	Slate Cr (25)
		Spring Cr (817)

Smoky Hill / Saline River Basin

Streams				Impairment																			
HUC8	Station #	Watershed	Main Stem Seg #(s)	NH3	Atr	B	Be	Cd	Cl	Cu	DO	FC	F	Hg	BIO	NO23	Pb	pH	Se	SO4	TEMP	Zn	
10260006	269 (SB269)	Smoky Hill R (Ellsworth)	5,7,8												BIO (3)								
10260006	713	Fossil Creek	13																Se (1)				
10260006	714	Landon Creek	31																Se (2)				
10260006	539	Smoky Hill R (Schoenchen)	19,21,22																Se (3)				
10260007	715	N. Fk Big Creek	4																Se (1)				
10260007	540	Big Creek (Munjor)	5-part																Se (2)				
10260007	541	Big Creek (Hays)	5-part,7								DO (2)												
10260008	264	Smoky Hill R (Junction City)	1,2				Be (1)																
10260008	641	Gypsum Creek	18,20,21,22								DO (1)												
10260010	673	Spillman Creek	6				Be (2)																

See Appendix SS for Tributaries to Listed Main Stems by Watershed (Assessment Unit). TMDL development priority shown in parentheses after impairment

Lakes				Impairment																			
HUC8	Station #	Lake Name	Assessment Unit	NH3	AP	Atr	B	Cd	Cl	Chl	Cu	DO	E	FC	F	NO23	Pb	pH	Se	Turb	SO4	Zn	
10260004	LM011201	Lake Scott SP	Smoky Hill River (Elkader)												F (2)								
10260008	LM047201	Herington Res	Lyon Creek																		Turb (2)		
10260009	LM014501	Sheridan WA	Saline River (Hays)																		Turb (2)		

See Appendix SS for Tributaries to Listed Main Stems by Watershed (Assessment Unit). TMDL development priority shown in parentheses after impairment

Appendix SS

Smoky Hill/Saline Basin

HUC8	10260008
Watershed	Smoky Hill River (Junction City)
Station	
264	Smoky Hill R (1)
	Smoky Hill R (2)

HUC8	10260008
Watershed	Gypsum Creek
Station	
641	Gypsum Cr (18)
	W. Branch Gypsum Cr (44)
	Spring Cr (45)
	McAllister Cr (49)
	Hobbs Cr (48)
	Stag Cr (19)
	Gypsum Cr (20)
	S. Gypsum Cr (24)
	Gypsum Cr (21)
	Battle Cr (23)
	Gypsum Cr (22)
	N. Gypsum Cr (57)

HUC8	10260010
Watershed	Spillman Creek
Station	
673	Spillman Cr (6)
	Trail Cr (32)
	Bacon Cr (7)
	N. Branch Spillman Cr (8)

HUC8	10260005
Watershed	Smoky Hill River (Ellsworth)
Station	
269	Smoky Hill R (5) - part
	Turkey Cr (46)
	Buffalo Cr (6)
	Smoky Hill R (7)
	Loss Cr (44)
	Wolf Cr (36)
	Smoky Hill R (8)
	Cow Cr (38)

HUC8	10260006
Watershed	Fossil Creek
Station	
713	Fossil Cr (13)

HUC8	10260006
Watershed	Landon Creek
Station	
714	Landon Cr (31)

HUC8	10260007
Watershed	N. Fk. Big Creek
Station	
715	N. Fk. Big Cr (4)
	Mud Cr (9)

HUC8	10260007		
Watershed	Big Creek (Munjor)		
Station			
540	Big Cr (5 - part)	Chetolah Cr (8)	

HUC8	10260007		
Watershed	Big Creek (Hays)		
Station			
541	Big Cr (5 - part)	Ogallah Cr (6)	
	Big Cr (7)		

HUC8	10260006		
Watershed	Smoky Hill River (Schoenchen)		
Station			
	Smoky Hill R (19)	Unnamed Stream (20)	
539	Smoky Hill R (21)	Unnamed Stream (23)	
	Smoky Hill R (22)		

HUC8	10260003			
Watershed	Smoky Hill R (Trego)			
Station				
550	Smoky Hill R (9)	Sand Cr (29)	E. Branch Sand Cr (40)	
	Smoky Hill R (10)	Downer Cr (11)	E. Br. Downer Cr (39)	
	Smoky Hill R (12)	10260005 Hackberry Cr (1)	Spring Cr (2)	
		Hackberry Cr (3)	W. Spring Cr (8)	
			S. Br. Hackberry Cr (7)	
			M. Br. Hackberry Cr (4)	N. Br. Hackberry Cr (5)
			M. Br. Hackberry Cr (5)	
	Smoky Hill R (13)	Gibson Cr (34)		
		Wild Horse Cr (28)		
	Smoky Hill R (14)	Big Windy Cr (38)		
		Sand Cr (37)		
		Indian Cr (15)		
	Smoky Hill R (16)	Unnamed Stream (27)		
	Smoky Hill R (17-part)			

Upper Arkansas River Basin

Streams

HUC8	Station #	Watershed	Main Stem Seg #(s)	Impairment																		
				NH3	Atr	B	Be	Cd	Cl	Cu	DO	FC	F	Hg	BIO	NO23	Pb	pH	Se	SO4	TEMP	Zn
11030001	286	Arkansas R (Pierceville)	1			B (1)														Se (2)		
11030001	598	Arkansas R (Deerfield)	3,5,7																	Se (1)		
11030001	223	Arkansas R (Coolidge)	9																	Se (1)		
11030003	594	Arkansas R (Ford)	1-part			B (2)								F (2)						Se (3)		
11030003	286	Arkansas R (Pierceville)	1-part			B (1)														Se (2)		
11030004	284	Arkansas R (Great Bend)	1, 2-part																	Se (3)		
11030004	584	Arkansas R (Dundee)	2-part,4,5,6,10-part																	Se (2)		
11030004	587	Arkansas R (Kinsley)	10-part																	Se (2)		
11030004	594	Arkansas R (Ford)	10-part,11			B (2)								F (2)						Se (2)		
11030004	700	Mulberry Creek (Ford)	12								DO (1)											
11030005	585	Lower Pawnee River	1,2-part								DO (2)											
11030007	596	Walnut Cr (Alexander)	10 (S.F. Walnut Cr.)																	Se (3)		
11030007	595	N Fk Walnut Creek	1,3,5,6																	Se (1)		
11030008	596	Walnut Cr (Alexander)	6-part,8,10																	Se (3)		
11030008	597	Walnut Cr (Heizer)	1,2,4,5,6-part							Cu (1)												

See Appendix UA for Tributaries to Listed Main Stems by Watershed (Assessment Unit). TMDL development priority shown in parentheses after impairment.

Lakes

HUC8	Station #	Lake Name	Assessment Unit	Impairment																	
				NH3	AP	Atr	B	Cd	Cl	Chl	Cu	DO	E	FC	F	NO23	Pb	pH	Se	Turb	SO4
11030001	LM016141	Hamilton WA	Arkansas R (Deerfield)						Cl (2)											Turb (2)	SO4 (2)
11030001	LM016101	Hamilton Co SFL	Arkansas R (Deerfield)						Cl (1)			DO (3)									SO4 (1)
11030003	LM071101	Lake Charles	Arkansas River (Ford)										E (3)								
11030005	LM053601	Concannon SFL	Arkansas River (Ford)				B (2)						E (2)		F (2)						SO4 (2)
11030006	LM070601	Boy Scout Lake	Upper Pawnee River										E (3)								
11030006	LM073901	Jetmore Lake	Upper Pawnee River										E (3)								
11030007	LM052401	Goodman SFL	Walnut Cr. (Alexander)																		SO4 (2)
11030008	LM071501	Memorial Park Lake	Walnut Creek (Heizer)										E (3)								

See Appendix UA for Tributaries to Listed Main Stems by Watershed (Assessment Unit). TMDL development priority shown in parentheses after impairment.

Appendix UA

Upper Arkansas Basin

HUC8	11030004		
Watershed	Arkansas River (Great Bend)		
Station			
284	Arkansas R (1)		
	Arkansas R (2 - part)	Dry Walnut Cr (9013)	

HUC8	11030008		
Watershed	Walnut Creek (Heizer)		
Station			
	Walnut Cr (1)	Dry Walnut Cr (13)	
597	Walnut Cr (2)	Boot Cr (15)	
		Dry Cr (14)	
		Sand Cr (3)	
	Walnut Cr (4)	Otter Cr (12)	
	Walnut Cr (5)	Sandy Cr (11)	
	Walnut Cr (6-part)		

HUC8	11030008		
Watershed	Walnut Creek (Alexander)		
Station			
596	Walnut Cr (6-part)	Alexander Dry Cr (7)	
	Walnut Cr (8)	Bazine (9)	
	Walnut Cr (10)	11030007 S. Fk. Walnut Cr (10)	Darr Cr (12)

HUC8	11030007		
Watershed	N. Fk. Walnut Creek		
Station			
	N. Fk. Walnut Cr (1)	Long Branch Walnut Cr (2)	
595	N. Fk. Walnut Cr (3)	Wild Horse Cr (4)	
	N. Fk. Walnut Cr (5)	Middle Fk. Walnut Cr (7)	N. Fk of M. Fk. Walnut Cr (8)
		Middle Fk. Walnut Cr (9)	
	N. Fk. Walnut Cr (6)	Wild Horse Cr (11)	

HUC8	11030004			
Watershed	Arkansas River (Dundee)			
Station				
584	Arkansas R (2 - part)	Ash Cr (3)		
	Arkansas R (4)	Pickle Cr (13)		
	Arkansas R (5)			
	Arkansas R (6)	Coon Cr (7)	Little Coon Cr (8)	White Woman Cr (15)
		Coon Cr (9)	Cow Cr (14)	
	Arkansas R (10 - part)			

HUC8	11030005		
Watershed	Lower Pawnee River		
Station			
	Pawnee R (1)	Sawmill Cr (6)	
585	Pawnee R (2-part)	Cocklebur Cr (12)	

HUC8	11030004
Watershed	Arkansas River (Kinsley)
Station	
587	Arkansas R (10 - part)

HUC8	11030004
Watershed	Arkansas River (Ford)
Station	
594	Arkansas R (10 - part)
	Arkansas R (11)
	11030003 Arkansas R (1-part)

HUC8	11030004
Watershed	Mulberry Creek (Ford)
Station	
700	Mulberry Cr (12)

HUC8	11030003	
Watershed	Arkansas River (Pierceville)	
Station		
286	Arkansas R (1 - part)	
	11030001 Arkansas R (1)	Unnamed Stream (18)
		Great Eastern Ditch (2)

HUC8	11030001		
Watershed	Arkansas River (Deerfield)		
Station			
598	Arkansas R (3)	Amazon Ditch (15)	Sand Cr (14)
			Sand Cr (13)
			Mattox Draw (11)
		Shirley Cr (4)	
	Arkansas R (5)	Ft. Aubrey Ditch (17)	
	Arkansas R (7)	E. Bridge Cr (6)	
		Frontier Ditch (16)	W. Bridge Cr (8)

HUC8	11030001
Watershed	Arkansas River (Coolidge)
Station	
223	Arkansas R (9)

Upper Republican River Basin

Streams

				Impairment																			
HUC8	Station #	Watershed	Main Stem Seg #(s)	NH3	Atr	B	Be	Cd	Cl	Cu	DO	FC	F	Hg	BIO	NO23	Pb	pH	Se	SO4	TEMP	Zn	
10250001	226	Arikaree River	1										F					pH	Se	SO4			
10250012	228	Beaver Creek (Cedar Bluffs)	1,2								DO		F										
10250013	228	Beaver Creek (Cedar Bluffs)	1,2								DO		F										
10250014	228	Beaver Creek (Cedar Bluffs)	1,2								DO		F										

Lakes

				Impairment																		
HUC8	Station #	Lake Name	Assessment Unit	NH3	AP	Atr	B	Cd	Cl	Chl	Cu	DO	E	FC	F	NO23	Pb	pH	Se	Turb	SO4	Zn
<i>All lake impairments in the Upper Republican River Basin have approved TMDLs.</i>																						

Appendix UR

Upper Republican Basin

HUC8	10250001
Watershed	Arikaree River
Station	
226	Arikaree R (1)

HUC8	10250014		
Watershed	Beaver Cr (Cedar Bluffs)		
Station			
228	Beaver Cr (2)	10250013 Little Beaver Cr (1)	North Beaver Cr (2)
		Little Beaver Cr (3)	Sand Cr (7)
		Little Beaver Cr (4)	
	10250012 Beaver Cr (1)	South Beaver Cr (9)	Unnamed Stream (10)
		South Beaver Cr (11)	
		Middle Beaver Cr (2)	N. Fk. Beaver Cr (3)
		Middle Beaver Cr (8)	

Verdigris River Basin

Streams				Impairment																			
HUC8	Station #	Watershed	Main Stem Seg #(s)	NH3	Atr	B	Cd	Cl	Cu	DO	FC	F	Hg	BIO	NO23	Pb	pH	Se	SLT	SO4	TEMP	Zn	
11070101	289 (SB289)	Verdigris River (Virgil)	12-part							DO (2)				BIO (2)									
11070103	608	Onion Creek	39						Cu (2)														Zn (1)
11070103	606	Pumpkin Creek	28						Cu (3)														
11070103	607	Big Hill Creek	30						Cu (1)														
11070104	693	Upper Elk River	12,14																				Pb (1)
11070106	694	Middle Caney Creek	12-part							DO (3)													

See Appendix VE for Tributaries to Listed Main Stems by Watershed (Assessment Unit). TMDL development priority shown in parentheses after impairment.

Lakes				Impairment																			
HUC8	Station #	Lake Name	Assessment Unit	NH3	AP	Atr	B	Cd	Cl	Chl	Cu	DO	E	FC	F	NO23	Pb	pH	Se	Turb	SO4	Zn	
11070101	LM011841	Woodson WA	Verdigris R (Altoona)																		Turb (2)		
11070101	LM024001	Toronto Lake	Toronto									DO (3)	E (1)								Turb (2)		
11070101	LM040201	Eureka Lake	Walnut Cr (Neal)										E (2)										
11070102	LM023001	Fall River Lake	Fall River									DO (3)	E (1)								Turb (2)		
11070103	LM031001	Big Hill Lake	Drum Creek										E (3)										
11070104	LM012701	Polk Daniels L. (Elk Co. SFL)	Lower Elk River										E (3)										
11070104	LM025001	Elk City Lake	Elk City										E (3)								Turb (2)		

Appendix VE

Verdigris Basin

HUC8	11070106		
Watershed	Middle Caney Creek		
Station			
694	Caney Cr (12 - part)	Pool Cr (43)	
		Spring Cr (44)	

HUC8	11070103		
Watershed	Onion Creek		
Station			
608	Onion Cr (39)	Sycamore Cr (52)	
		Biscuit Cr (53)	
		Deadman Cr (57)	
		Bluff Run (54)	
		Fawn Cr (56)	
		Spring Cr (55)	

HUC8	11070103		
Watershed	Pumpkin Creek		
Station			
606	Pumpkin Cr (28)	Deer Cr (51)	
		Richland Cr (49)	
		Mud Cr (59)	

HUC8	11070103		
Watershed	Big Hill Creek		
Station			
607	Big Hill Cr (30)	Potatoe Cr (31)	
		Wildcat Cr (60)	

HUC8	11070104		
Watershed	Elk City Lake		
Station			
	Elk R (1)	Sycamore Cr (22)	
	Elk R (14)	Racket Cr (21)	
025001		Chetopa Cr (18)	
		Card Cr (19)	
		Coffey Br (20)	
		Salt Cr (17)	Pan Cr (27)
			S. Salt Cr (29)

HUC8	11070104		
Watershed	Upper Elk River		
Station			
693	Elk R (12)	Rock Cr (13)	
	Elk R (14)	Bull Cr (33)	
		Clear Cr (32)	
		S. Branch Elk R (38)	
		Rowe Branch Elk R (39)	

HUC8	11070102		
Watershed	Lower Fall River		
Station			
562	Fall R (1)	Clear Cr (37)	
		Salt Cr (38)	
		E. Rainbow Cr (17)	
		Coon Cr (36)	
		Indian Cr (15)	Little Indian Cr (34)
	Fall R (2)	Silver Cr (33)	
		Salt Cr (14)	Little Salt Cr (35)
			Plum Cr (30)
	Fall R (3)	Crain Cr (32)	

HUC8	11070102		
Watershed	Fall River Lake		
Station			
023001	Otter Cr (13)-part	Honey Cr (26)	
		Snake Cr (31)	

HUC8	11070101		
Watershed	Toronto Lake		
Station			
024001	Verdigris R (11)	Miller Cr (30)	
		Brazil Cr (31)	Cedar Cr (32)
		Dry Cr (27)	
	Verdigris R (12)-part		

HUC8	11070101		
Watershed	Verdigris River (Virgil)		
Station			
289	Verdigris R (12)-part	Greenhall Cr (26)	
		Van Horn Cr (46)	
		Long Cr (45)	
		Holderman Cr (49)	
		Tate Branch Cr (44)	
		Kelley Branch (42)	
		Bernard Branch Verdigris R (16)	
		N. Branch Verdigris R (13)	Moon Branch (43)
			Rock Cr (14)
		N. Branch Verdigris R (15)	Shaw Cr (40)
			Wolf Cr (41)

Walnut River Basin

Streams				Impairment																			
HUC8	Station #	Watershed	Main Stem Seg #(s)	NH3	Atr	B	Cd	Cl	Cu	DO	FC	F	Hg	BIO	NO23	Pb	pH	Se	SLT	SO4	TEMP	Zn	
11030017	38	Whitewater River	17,18,19,21,23		Atr (1)																		
11030018	655	Little Walnut Creek	11,13						Cu (1)														

See Appendix WA for Tributaries to Listed Main Stems by Watershed (Assessment Unit). TMDL development priority shown in parentheses after impairment.

Lakes				Impairment																			
HUC8	Station #	Lake Name	Assessment Unit	NH3	AP	Atr	B	Cd	Cl	Chl	Cu	DO	E	FC	F	NO23	Pb	pH	Se	Turb	SO4	Zn	
11030017	LM040001	Augusta City Lake	Whitewater River										E (3)										
11030017	LM041601	Augusta Santa Fe Lake	Whitewater River														Pb (2)						
11030018	LM050801	Winfield City Lake	Timber Creek										E (3)										

See Appendix WA for Tributaries to Listed Main Stems by Watershed (Assessment Unit). TMDL development priority shown in parentheses after impairment.

Appendix WA

Walnut Basin

HUC8 11030018			
Watershed Little Walnut Creek			
Station			
655	Little Walnut Cr (11)	N. Br. Hickory Cr (9012)	Plum Cr (36)
			Honey Cr (33)
	Little Walnut Cr (13)	S. Br. Little Walnut Cr (34)	

HUC8 11030017				
Watershed Whitewater River				
Station				
	Whitewater R (17)	Dry Cr (27)		
38	Whitewater R (18)	Elm Cr (43)		
		Badger (36)		
		W. Br. Whitewater R. (24)	Whitewater Cr (34)	
			Prairie Cr (35)	
			Wildcat Cr (26)	Sand Cr (29)
				West Wildcat Cr (28)
		W. Br. Whitewater R. (25)	Gypsum Cr (30)	
			E. Br. Whitewater Cr (31)	
			Walnut Cr (44)	
	Whitewater R. (19)	Rock Cr (37)		
		Fourmile Cr (20)		
	Whitewater R (21)	Dry Cr (32)		
		E. Br. Whitewater R. (22)		
	Whitewater R (23)	Henry Cr (33)		