

## 2010 303(d) List of All Impaired/Potentially Impaired Waters Cimarron Basin

**11040002**

### Upper Cimarron

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
5	Point of Rocks Lake (Moss Lake West)	Aquatic Life	Eutrophication	LM060501	MT	Lake	Low	
5	Point of Rocks Lake (Moss Lake West)	Water Supply	Fluoride	LM060501	MT	Lake	Low	
5	Point of Rocks Lake (Moss Lake West)	Water Supply	Sulfate	LM060501	MT	Lake	Low	
3	Point of Rocks Lake (Moss Lake West)	Aquatic Life	Dissolved Oxygen	LM060501	MT	Lake		Small sample size, no new samples since 2005 only year with violation

**11040006**

### Upper Cimarron-Liberal

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
5	Cimarron River Near Forgan, Oklahoma	Aquatic Life	Selenium	SC222	ME, MT, SV, SW	Watershed	Low	
5	Cimarron River Near Forgan, Oklahoma	Aquatic Life	Total Phosphorus	SC222	ME, MT, SV, SW	Watershed	Low	median value: 0.474 > median flag value:0.201
4a	Cimarron River Near Forgan, Oklahoma	Water Supply	Chloride	SC222	ME, MT, SV, SW	Watershed	Low	TMDL Approved on 9/11/2000
4a	Cimarron River Near Forgan, Oklahoma	Aquatic Life	pH	SC222	ME, MT, SV, SW	Watershed	Low	TMDL Approved on 9/11/2000

## 2010 303(d) List of All Impaired/Potentially Impaired Waters Cimarron Basin

**11040007**

### **Crooked Creek**

<b>Cat.</b>	<b>Stream/Lake</b>	<b>Impaired Use</b>	<b>Impairment</b>	<b>Station</b>	<b>Counties</b>	<b>Body Type</b>	<b>Priority</b>	<b>Comment</b>
5	Lake Meade State Park	Water Supply	Fluoride	LM010601	ME	Lake	Medium	
5	Crooked Creek Near Englewood	Water Supply	Fluoride	SC600	GY, HS, ME	Watershed	Low	
4a	Lake Meade State Park	Recreation	Aquatic Plants	LM010601	ME	Lake	High	TMDL Approved on 9/11/2000
4a	Crooked Creek Near Englewood	Water Supply	Chloride	SC600	GY, HS, ME	Watershed	Low	TMDL Approved on 9/11/2000
4a	Lake Meade State Park	Aquatic Life	Dissolved Oxygen	LM010601	ME	Lake	High	TMDL Approved on 9/11/2000
4a	Lake Meade State Park	Aquatic Life	Eutrophication	LM010601	ME	Lake	High	TMDL Approved on 9/11/2000
4a	Lake Meade State Park	Aquatic Life	pH	LM010601	ME	Lake	High	TMDL Approved on 9/11/2000
3	Crooked Creek	Aquatic Life	Ammonia	NPDES22802	ME	Facility		NPDES Permit-Lagoon Study Pending

## 2010 303(d) List of All Impaired/Potentially Impaired Waters Cimarron Basin

**11040008**

### Upper Cimarron-Bluff

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
5	Bluff Creek Near Protection	Water Supply	Chloride	SC593	CA, CM	Watershed	Low	
5	Day Creek Near Sitka	Aquatic Life	Dissolved Oxygen	SC701	CA, CM	Watershed	Low	
5	Lake Coldwater	Aquatic Life	Eutrophication	LM042601	CM	Lake	Low	
5	Big Sandy Creek Near Ashland	Water Supply	Fluoride	SC738	ME, CA	Watershed	Low	
5	St. Jacobs Well (Big Basin W.A.)	Water Supply	Fluoride	LM060001	CA	Lake	Low	
5	Day Creek Near Sitka	Water Supply	Sulfate	SC701	CA, CM	Watershed	Low	Use designation changes not yet approved by EPA
4a	Big Sandy Creek Near Ashland	Water Supply	Chloride	SC738	ME, CA	Watershed	Low	TMDL Approved on 9/11/2000
4a	Cimarron River Near Protection	Water Supply	Chloride	SC592	ME, CA	Watershed	Low	TMDL Approved on 9/11/2000
4a	Day Creek Near Sitka	Water Supply	Chloride	SC701	CA, CM	Watershed	Low	TMDL Approved on 9/11/2000
4a	St. Jacobs Well (Big Basin W.A.)	Aquatic Life	Eutrophication	LM060001	CA	Lake	High	TMDL Approved on 9/11/2000
4a	Cavalry Creek Near Protection	Recreation	Fecal Coli	SC624	KW, CM	Watershed	Medium	TMDL Approved on 8/9/2000
4a	Big Sandy Creek Near Ashland	Water Supply	Sulfate	SC738	ME, CA	Watershed	Low	TMDL Approved on 9/11/2000

## 2010 303(d) List of All Impaired/Potentially Impaired Waters Kansas Lower Republican Basin

**10250016**

### Middle Republican

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
5	White Rock Creek Near Burr Oak	Water Supply	Arsenic	SC508	JW, SM	Watershed	Low	
5	Republican River Near Hardy, Nebraska	Aquatic Life	Biology	SC231	JW, SM	Watershed	Low	
5	Lovewell Lake	Aquatic Life	Eutrophication	LM015001	JW	Lake	Low	
5	Lovewell Lake	Aquatic Life	pH	LM015001	JW	Lake	Low	
5	White Rock Creek Near Burr Oak	Water Supply	Sulfate	SC508	JW, SM	Watershed	Low	
5	Republican River Near Hardy, Nebraska	Aquatic Life	Total Phosphorus	SC231	JW, SM	Watershed	Low	median value: 0.234 > median flag value:0.201
5	White Rock Creek Near Burr Oak	Aquatic Life	Total Phosphorus	SC508	JW, SM	Watershed	Low	median value: 0.22 > median flag value:0.201
5	White Rock Creek Near Burr Oak	Aquatic Life	Total Suspended Solids	SC508	JW, SM	Watershed	Low	median value: 72 > median flag value:50
4a	Republican River Near Hardy, Nebraska	Recreation	Fecal Coli	SC231	JW, SM	Watershed	Low	TMDL Approved on 1/26/2000
4a	White Rock Creek Near Burr Oak	Recreation	Fecal Coli	SC508	JW, SM	Watershed	Low	TMDL Approved on 1/26/2000
4a	White Rock Creek Near Burr Oak	Aquatic Life	Selenium	SC508	JW, SM	Watershed	Low	TMDL Approved on 1/26/2000
3	Republican River Near Hardy, Nebraska	Aquatic Life	pH	SC231	JW, SM	Watershed		

## 2010 303(d) List of All Impaired/Potentially Impaired Waters Kansas Lower Republican Basin

**10250017**

### Lower Republican

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
5	Republican River Near Clay Center	Aquatic Life	Biology	SC503	CY	Watershed	Low	
5	Salt Creek Near Hollis	Water Supply	Chloride	SC650	RP	Watershed	Low	
5	Elm Creek Near Ames	Aquatic Life	Copper	SC709	CD	Watershed	Low	
5	Mulberry Creek Near Clifton	Aquatic Life	Copper	SC710	CD, CY	Watershed	Low	
5	Peats Creek Near Clifton	Aquatic Life	Copper	SC649	WS	Watershed	Low	
5	Milford Lake	Aquatic Life	Dissolved Oxygen	LM019001	CY, RL, GE	Lake	Low	
5	Elm Creek Near Ames	Aquatic Life	Lead	SC709	CD	Watershed	Low	Last exceedence occurred in most current sample year:2007
5	Mulberry Creek Near Clifton	Aquatic Life	Lead	SC710	CD, CY	Watershed	Low	Recent Trends indicate concern
5	Peats Creek Near Clifton	Aquatic Life	Lead	SC649	WS	Watershed	Low	Last exceedence occurred in most current sample year:2007
5	Republican River Near Clay Center	Aquatic Life	Lead	SC504	RP, WS, CD, CY	Watershed	Low	Last exceedence occurred in most current sample year:2008
5	Republican River Near Clay Center	Aquatic Life	Lead	SC503	CY	Watershed	Low	
5	Republican River Near Rice	Aquatic Life	pH	SC510	JW, RP, CD	Watershed	Low	
5	Buffalo Creek Near Concordia	Water Supply	Sulfate	SC509	JW, CD	Watershed	Low	
5	Five Creek Near Clay Center	Water Supply	Sulfate	SC711	CD, CY	Watershed	Low	Use designation changes not yet approved by EPA

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**10250017**

### Lower Republican

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
5	Buffalo Creek Near Concordia	Aquatic Life	Total Phosphorus	SC509	JW, CD	Watershed	Low	median value: 0.4185 > median flag value:0.201
5	Elm Creek Near Ames	Aquatic Life	Total Phosphorus	SC709	CD	Watershed	Low	median value: 0.26 > median flag value:0.201
5	Mulberry Creek Near Clifton	Aquatic Life	Total Phosphorus	SC710	CD, CY	Watershed	Low	median value: 0.216 > median flag value:0.201
5	Peats Creek Near Clifton	Aquatic Life	Total Phosphorus	SC649	WS	Watershed	Low	median value: 0.298 > median flag value:0.201
5	Republican River Near Clay Center	Aquatic Life	Total Phosphorus	SC504	RP, WS, CD, CY	Watershed	Low	median value: 0.3175 > median flag value:0.201
5	Republican River Near Clay Center	Aquatic Life	Total Phosphorus	SC503	CY	Watershed	Low	median value: 0.311 > median flag value:0.201
5	Republican River Near Rice	Aquatic Life	Total Phosphorus	SC510	JW, RP, CD	Watershed	Low	median value: 0.283 > median flag value:0.201
5	Salt Creek Near Hollis	Aquatic Life	Total Phosphorus	SC650	RP	Watershed	Low	median value: 0.364 > median flag value:0.201
5	Wolf Creek Near Concordia	Aquatic Life	Total Phosphorus	SC707	CD	Watershed	Low	median value: 0.37 > median flag value:0.201
5	Buffalo Creek Near Concordia	Aquatic Life	Total Suspended Solids	SC509	JW, CD	Watershed	Low	median value: 68 > median flag value:50

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**10250017**

### Lower Republican

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
5	Republican River Near Clay Center	Aquatic Life	Total Suspended Solids	SC503	CY	Watershed	Low	median value: 61.5 > median flag value:50
5	Republican River Near Clay Center	Aquatic Life	Total Suspended Solids	SC504	RP, WS, CD, CY	Watershed	Low	median value: 83.5 > median flag value:50
5	Salt Creek Near Hollis	Aquatic Life	Total Suspended Solids	SC650	RP	Watershed	Low	median value: 60 > median flag value:50
5	Mulberry Creek Near Clifton	Aquatic Life	Zinc	SC710	CD, CY	Watershed	Low	
4a	Buffalo Creek Near Concordia	Water Supply	Chloride	SC509	JW, CD	Watershed	Low	TMDL Approved on 1/26/2000
4a	Rimrock Park Lake	Aquatic Life	Dissolved Oxygen	LM070501	GE	Lake	Medium	TMDL Approved on 8/7/2003
4a	Salt Creek Near Hollis	Aquatic Life	Dissolved Oxygen	SC650	RP	Watershed	High	TMDL Approved on 1/26/2000
4a	Belleville City Lake	Aquatic Life	Eutrophication	LM060701	RP	Lake	Low	TMDL Approved on 1/26/2000
4a	Jamestown W.A.	Aquatic Life	Eutrophication	LM052801	CD	Lake	Low	TMDL Approved on 1/26/2000
4a	Rimrock Park Lake	Aquatic Life	Eutrophication	LM070501	GE	Lake	Medium	TMDL Approved on 8/7/2003
4a	Buffalo Creek Near Concordia	Recreation	Fecal Coli	SC509	JW, CD	Watershed	Low	TMDL Approved on 1/26/2000
4a	Jamestown W.A.	Recreation	Fecal Coli	LM052801	CD	Lake	Low	TMDL Approved on 1/26/2000
4a	Republican River Near Clay Center	Recreation	Fecal Coli	SC504	RP, WS, CD, CY	Watershed	Medium	TMDL Approved on 1/26/2000
4a	Republican River Near Clay Center	Recreation	Fecal Coli	SC503	CY	Watershed	Medium	TMDL Approved on 1/26/2000
4a	Republican River Near Rice	Recreation	Fecal Coli	SC510	JW, RP, CD	Watershed	Medium	TMDL Approved on 1/26/2000

## 2010 303(d) List of All Impaired/Potentially Impaired Waters Kansas Lower Republican Basin

**10250017**

**Lower Republican**

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
4a	Salt Creek Near Hollis	Recreation	Fecal Coli	SC650	RP	Watershed	High	TMDL Approved on 1/26/2000
4a	Jamestown W.A.	Aquatic Life	pH	LM052801	CD	Lake	Low	TMDL Approved on 1/26/2000
4a	Jamestown W.A.	Water Supply	Siltation	LM052801	CD	Lake	Low	TMDL Approved on 1/26/2000
3	Buffalo Creek	Aquatic Life	Ammonia	NPDES95231	JW	Facility		NPDES Permit-Lagoon Study Pending
3	Jamestown W.A.	Water Supply	Arsenic	LM052801	CD	Lake		Small sample size
3	Wolf Creek Near Concordia	Water Supply	Arsenic	SC707	CD	Watershed		
3	Peats Creek Near Clifton	Aquatic Life	Atrazine	SC649	WS	Watershed		Last exceedence occured in most current sample year:2007

## 2010 303(d) List of All Impaired/Potentially Impaired Waters Kansas Lower Republican Basin

**10270101**

**Upper Kansas**

<b>Cat.</b>	<b>Stream/Lake</b>	<b>Impaired Use</b>	<b>Impairment</b>	<b>Station</b>	<b>Counties</b>	<b>Body Type</b>	<b>Priority</b>	<b>Comment</b>
5	Kansas River Near Ogden	Aquatic Life	Total Phosphorus	SC518	RL, GE	Watershed	Medium	median value: 0.2975 > median flag value:0.201
5	Kansas River Near Ogden	Aquatic Life	Total Suspended Solids	SC518	RL, GE	Watershed	Low	median value: 66.5 > median flag value:50
4a	Kansas River Near Ogden	Water Supply	Chloride	SC518	RL, GE	Watershed	Low	TMDL Approved on 1/26/2000
4a	Wildcat Creek Near Manhattan	Aquatic Life	Dissolved Oxygen	SC652	RL	Watershed	High	TMDL Approved on 1/26/2000
4a	Ogden City Lake	Aquatic Life	Eutrophication	LM011701	RL	Lake	Low	TMDL Approved on 1/26/2000
4a	Kansas River Near Ogden	Recreation	Fecal Coli	SC518	RL, GE	Watershed	Medium	TMDL Approved on 1/26/2000
4a	Wildcat Creek Near Manhattan	Recreation	Fecal Coli	SC652	RL	Watershed	High	TMDL Approved on 1/26/2000
4a	Kansas River Near Ogden	Water Supply	Sulfate	SC518	RL, GE	Watershed	Low	TMDL Approved on 1/26/2000

## 2010 303(d) List of All Impaired/Potentially Impaired Waters Kansas Lower Republican Basin

**10270102**

### Middle Kansas

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
5	Cross Creek Near Rossville	Recreation	E. coli	SC551	JA, PT	Watershed	High	2008 Sampling confirms impairment
5	Kansas River At Willard	Recreation	E. coli	SC259	PT, SN, WB	Watershed	High	2008 Sampling confirms impairment
5	Mission Creek Near Valencia	Recreation	E. coli	SC648	SN, WB	Watershed	High	2008 Sampling confirms impairment
5	Muddy Creek Near Grantville	Recreation	E. coli	SC639	JA, JF, SN	Watershed	High	2008 Sampling confirms impairment
5	Rock Creek Near Louisville	Recreation	E. coli	SC645	PT	Watershed	High	2008 Sampling confirms impairment
5	Soldier Creek Near Topeka	Recreation	E. coli	SC239	JA, SN	Watershed	High	2008 Sampling confirms impairment
5	Lake Shawnee	Aquatic Life	Eutrophication	LM012201	SN	Lake	High	
5	Kansas River At Wamego	Aquatic Life	Total Phosphorus	SC260	RI, PT, WB	Watershed	Medium	median value: 0.288 > median flag value:0.201
5	Kansas River At Willard	Aquatic Life	Total Phosphorus	SC259	PT, SN, WB	Watershed	Medium	median value: 0.302 > median flag value:0.201
5	Halfday Creek	Aquatic Life	Biology	SB376	SN, JA	Watershed	Low	Mis-listed with SC239
5	Kansas River At Wamego	Aquatic Life	Biology	SC260	RI, PT, WB	Watershed	Low	
5	Kansas River At Willard	Aquatic Life	Biology	SC259	PT, SN, WB	Watershed	Low	SB371
5	Mission Creek Near Valencia	Aquatic Life	Biology	SC648	SN, WB	Watershed	Low	SB370
5	Vermillion Creek Near Louisville	Aquatic Life	Biology	SC520	PT, SN, WB	Watershed	Low	

# 2010 303(d) List of All Impaired/Potentially Impaired Waters Kansas Lower Republican Basin

**10270102**

**Middle Kansas**

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
5	Mission Creek Near Valencia	Aquatic Life	Copper	SC648	SN, WB	Watershed	Low	
5	Pottawatomie Co. SFL #1	Aquatic Life	Dissolved Oxygen	LM012901	PT	Lake	Low	
5	Pottawatomie Co. SFL #1	Aquatic Life	Eutrophication	LM012901	PT	Lake	Low	
5	Topeka Public Golf Course Lake	Aquatic Life	Eutrophication	LM050101	SN	Lake	Low	
5	Shunganunga Creek Near Topeka	Aquatic Life	Total Phosphorus	SC238	SN	Watershed	Low	median value: 0.225 > median flag value:0.201
5	Kansas River At Wamego	Aquatic Life	Total Suspended Solids	SC260	RI, PT, WB	Watershed	Low	median value: 54 > median flag value:50
5	Kansas River At Willard	Aquatic Life	Total Suspended Solids	SC259	PT, SN, WB	Watershed	Low	median value: 67 > median flag value:50
5	Soldier Creek Near Delia	Aquatic Life	Total Suspended Solids	SC101	NM, JA	Watershed	Low	median value: 58.75 > median flag value:50
4a	Warren Park Lake	Recreation	Aquatic Plants	LM062001	SN	Lake	Low	TMDL Approved on 1/26/2000
4a	Soldier Creek Near Delia	Aquatic Life	Biology	SC101	NM, JA	Watershed	High	TMDL Approved on 8/3/2007, SB299
4a	Central Park Lake	Aquatic Life	Eutrophication	LM060901	SN	Lake	Low	TMDL Approved on 1/26/2000
4a	Gage Park Lake	Aquatic Life	Eutrophication	LM061101	SN	Lake	Low	TMDL Approved on 1/26/2000
4a	Myer's Lake	Aquatic Life	Eutrophication	LM075201	SN	Lake	Low	TMDL Approved on 1/26/2000
4a	Wamego City Lake	Aquatic Life	Eutrophication	LM062101	PT	Lake	Low	TMDL Approved on 1/26/2000
4a	Warren Park Lake	Aquatic Life	Eutrophication	LM062001	SN	Lake	Low	TMDL Approved on 1/26/2000

## 2010 303(d) List of All Impaired/Potentially Impaired Waters Kansas Lower Republican Basin

10270102

### Middle Kansas

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
4a	Kansas River At Wamego	Recreation	Fecal Coli	SC260	RI, PT, WB	Watershed	Medium	TMDL Approved on 1/26/2000
4a	Muddy Creek Near Grantville	Recreation	Fecal Coli	SC639	JA, JF, SN	Watershed	Medium	TMDL Approved on 1/26/2000, 2008 Sampling confirms impairment
4a	Shunganunga Creek Near Topeka	Recreation	Fecal Coli	SC238	SN	Watershed	High	TMDL Approved on 1/26/2000
4a	Vermillion Creek Near Louisville	Recreation	Fecal Coli	SC520	PT, SN, WB	Watershed	High	TMDL Approved on 1/26/2000
4a	Vermillion Creek Near Onaga	Recreation	Fecal Coli	SC681	NM, PT	Watershed	High	TMDL Approved on 1/26/2000
3	Illinois Creek Near Alma	Aquatic Life	Biology	SC726	WB	Watershed		Small sample size
3	West Branch Mill Creek Near Alma	Aquatic Life	Biology	SC506	GE, WB	Watershed	Low	Small sample size, SB726
3	Shunganunga Creek Near Topeka	Aquatic Life	Diazinon	SC238	SN	Watershed		
3	Alma City Lake	Aquatic Life	Eutrophication	LM050001	WB	Lake		Small sample size
3	Wabaunsee Co. Lake	Aquatic Life	Eutrophication	LM042001	WB	Lake		2008 chlorophyll levels acceptable
3	Kansas River At Willard	Aquatic Life	Lead	SC259	PT, SN, WB	Watershed		
3	Pillsbury Crossing W.A.	Food Procurement	Mercury	LM020301	RL	Lake		Isolated Violation
3	Wamego City Lake	Food Procurement	Mercury	LM062101	PT	Lake		Isolated Violation
3	Myer's Lake	Aquatic Life	pH	LM075201	SN	Lake		Small sample size

## 2010 303(d) List of All Impaired/Potentially Impaired Waters Kansas Lower Republican Basin

10270103

Delaware

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
5	Perry Lake	Aquatic Life	Eutrophication	LM029001	JA, JF	Lake	High	
5	Perry W.A. Wetland	Aquatic Life	Eutrophication	LM029041	JF	Lake	High	
5	Mission Lake	Water Supply	Siltation	LM013601	BR	Lake	High	
5	Delaware River Near Half Mound	Aquatic Life	Total Phosphorus	SC554	NM, BR, JA, AT	Watershed	High	median value: 0.2045 > median flag value:0.201
5	Elk Creek Near Larkinburg	Aquatic Life	Total Phosphorus	SC604	JA, PT	Watershed	High	median value: 0.243 > median flag value:0.201
5	Grasshopper Creek Near Muscotah	Aquatic Life	Total Phosphorus	SC603	BR, AT	Watershed	High	median value: 0.2145 > median flag value:0.201
5	Grasshopper Creek Near Muscotah	Aquatic Life	Atrazine	SC603	BR, AT	Watershed	Low	
5	Grasshopper Creek Near Muscotah	Aquatic Life	Copper	SC603	BR, AT	Watershed	Low	
5	Perry W.A. Wetland	Aquatic Life	Dissolved Oxygen	LM029041	JF	Lake	Low	
5	Atchison Co. Park Lake	Aquatic Life	Eutrophication	LM060601	AT	Lake	Low	
5	Elkhorn Lake	Aquatic Life	Eutrophication	LM061001	JA	Lake	Low	
5	Nebo SFL	Aquatic Life	Eutrophication	LM061501	JA	Lake	Low	
5	Atchison Co. Park Lake	Water Supply	Siltation	LM060601	AT	Lake	Low	
4a	Mission Lake	Aquatic Life	Atrazine	LM013601	BR	Lake	High	TMDL Approved on 1/26/2000
4a	Little Lake	Aquatic Life	Eutrophication	LM062601	BR	Lake	Low	TMDL Approved on 1/26/2000
4a	Mission Lake	Aquatic Life	Eutrophication	LM013601	BR	Lake	High	TMDL Approved on 1/26/2000

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**10270103**

**Delaware**

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
4a	Sabetha Watershed Lake (Niehues)	Aquatic Life	Eutrophication	LM075101	NM	Lake	Low	TMDL Approved on 1/26/2000
4a	Delaware River Near Half Mound	Recreation	Fecal Coli	SC554	NM, BR, JA, AT	Watershed	High	TMDL Approved on 1/26/2000
4a	Elk Creek Near Larkinburg	Recreation	Fecal Coli	SC604	JA, PT	Watershed	High	TMDL Approved on 1/26/2000
4a	Grasshopper Creek Near Muscotah	Recreation	Fecal Coli	SC603	BR, AT	Watershed	High	TMDL Approved on 1/26/2000
4a	Straight Creek Near Larkinburg	Recreation	Fecal Coli	SC686	NM, JA	Watershed	High	TMDL Approved on 1/26/2000
3	Delaware River Near Half Mound	Aquatic Life	Biology	SC554	NM, BR, JA, AT	Watershed		Small sample size, SB360
3	Lake Jayhawk	Aquatic Life	Eutrophication	LM039701	JF	Lake		Small sample size
3	Prairie Lake	Aquatic Life	Eutrophication	LM061901	JA	Lake		Small sample size

## 2010 303(d) List of All Impaired/Potentially Impaired Waters Kansas Lower Republican Basin

10270104

### Lower Kansas

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
5	Kansas River At Desoto	Aquatic Life	Total Phosphorus	SC254	LV, JO	Watershed	Medium	median value: 0.367 > median flag value:0.201
5	Kansas River At Eudora	Aquatic Life	Total Phosphorus	SC255	JF, LV, DG	Watershed	Medium	median value: 0.313 > median flag value:0.201
5	Kansas River At Kansas City, Kansas	Aquatic Life	Total Phosphorus	SC203	LV, WY, JO	Watershed	Medium	median value: 0.383 > median flag value:0.201
5	Kansas River At Lecompton	Aquatic Life	Total Phosphorus	SC257	JF, SN, DG	Watershed	Medium	median value: 0.336 > median flag value:0.201
5	Turkey Creek	Aquatic Life	Ammonia	NPDES55492	JO	Facility	Low	NPDES Permit Resides with EPA
5	Captain Creek Near Eudora	Aquatic Life	Atrazine	SC638	DG, JO	Watershed	Low	Last exceedence occurred in most current sample year:2007
5	Crooked Creek Near Winchester	Aquatic Life	Atrazine	SC683	JF	Watershed	Low	
5	Kill Creek At Desoto	Aquatic Life	Atrazine	SC253	JO	Watershed	Low	Recent Trends Do Not Indicate Concern
5	Stranger Creek Near Easton	Aquatic Life	Atrazine	SC602	AT, JF, LV	Watershed	Low	
5	Stranger Creek Near Linwood	Aquatic Life	Atrazine	SC501	LV	Watershed	Low	
5	Stranger Creek Near Easton	Aquatic Life	Biology	SC602	AT, JF, LV	Watershed	Low	SB378
5	Stranger Creek Near Linwood	Aquatic Life	Biology	SC501	LV	Watershed	Low	SB378
5	Kansas River At Eudora	Aquatic Life	Copper	SC255	JF, LV, DG	Watershed	Low	

# 2010 303(d) List of All Impaired/Potentially Impaired Waters Kansas Lower Republican Basin

**10270104**

**Lower Kansas**

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
5	Stranger Creek Near Easton	Aquatic Life	Copper	SC602	AT, JF, LV	Watershed	Low	
5	Coal Creek Near Sibleyville	Aquatic Life	Dissolved Oxygen	SC679	DG	Watershed	Low	
5	Baker Wetlands	Aquatic Life	Eutrophication	LM014401	DG	Wetland	Low	
5	Douglas Co. SFL	Aquatic Life	Eutrophication	LM011301	DG	Lake	Low	
5	Leavenworth Co. SFL	Aquatic Life	Eutrophication	LM012301	LV	Lake	Low	
5	Rose's Lake	Aquatic Life	Eutrophication	LM062501	JO	Lake	Low	
5	Strowbridge Reservoir	Aquatic Life	Eutrophication	LM051201	OS	Lake	Low	
5	Baker Wetlands	Aquatic Life	Lead	LM014401	DG	Wetland	Low	
5	Kansas River At Eudora	Aquatic Life	Lead	SC255	JF, LV, DG	Watershed	Low	
5	Kansas River At Kansas City, Kansas	Aquatic Life	Lead	SC203	LV, WY, JO	Watershed	Low	
5	Nine Mile Creek Near Linwood	Aquatic Life	Lead	SC680	JF, LV, DG	Watershed	Low	Recent Trends Do Not Indicate Concern
5	Stranger Creek Near Easton	Aquatic Life	Lead	SC602	AT, JF, LV	Watershed	Low	
5	Stranger Creek Near Linwood	Aquatic Life	Lead	SC501	LV	Watershed	Low	
5	Kansas River At Eudora	Food Procurement	PCB	SC255	JF, LV, DG	Watershed	Low	Fish consumption advisory
5	Baker Wetlands	Aquatic Life	pH	LM014401	DG	Wetland	Low	
5	Cedar Creek Near Cedar Junction	Aquatic Life	Total Phosphorus	SC252	JO	Watershed	Low	median value: 0.627 > median flag value:0.201
5	Crooked Creek Near Winchester	Aquatic Life	Total Phosphorus	SC683	JF	Watershed	Low	median value: 0.227 > median flag value:0.201
5	Mill Creek Near Shawnee	Aquatic Life	Total Phosphorus	SC251	JO	Watershed	Low	median value: 0.4 > median flag value:0.201

## 2010 303(d) List of All Impaired/Potentially Impaired Waters Kansas Lower Republican Basin

**10270104**

### Lower Kansas

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
5	Nine Mile Creek Near Linwood	Aquatic Life	Total Phosphorus	SC680	JF, LV, DG	Watershed	Low	
5	Stranger Creek Near Easton	Aquatic Life	Total Phosphorus	SC602	AT, JF, LV	Watershed	Low	median value: 0.22 > median flag value:0.201
5	Kansas River At Desoto	Aquatic Life	Total Suspended Solids	SC254	LV, JO	Watershed	Low	median value: 101 > median flag value:50
5	Kansas River At Eudora	Aquatic Life	Total Suspended Solids	SC255	JF, LV, DG	Watershed	Low	median value: 110 > median flag value:50
5	Kansas River At Kansas City, Kansas	Aquatic Life	Total Suspended Solids	SC203	LV, WY, JO	Watershed	Low	median value: 87 > median flag value:50
5	Kansas River At Lecompton	Aquatic Life	Total Suspended Solids	SC257	JF, SN, DG	Watershed	Low	median value: 92 > median flag value:50
5	Stranger Creek Near Easton	Aquatic Life	Total Suspended Solids	SC602	AT, JF, LV	Watershed	Low	median value: 99 > median flag value:50
5	Wakarusa River Near Eudora	Aquatic Life	Total Suspended Solids	SC500	DG	Watershed	Low	median value: 53 > median flag value:50
4a	Lakeview Estates Lake	Recreation	Aquatic Plants	LM075301	SN	Lake	Low	TMDL Approved on 1/26/2000
4a	Crooked Creek Near Winchester	Aquatic Life	Biology	SC683	JF	Watershed	Low	TMDL Approved on 1/26/2000
4a	Kansas River At Desoto	Aquatic Life	Biology	SC254	LV, JO	Watershed	Medium	TMDL Approved on 1/26/2000
4a	Kansas River At Eudora	Aquatic Life	Biology	SC255	JF, LV, DG	Watershed	Medium	TMDL Approved on 1/26/2000, SB257
4a	Kansas River At Kansas City, Kansas	Aquatic Life	Biology	SC203	LV, WY, JO	Watershed	Medium	TMDL Approved on 1/26/2000

# 2010 303(d) List of All Impaired/Potentially Impaired Waters Kansas Lower Republican Basin

**10270104**

**Lower Kansas**

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
4a	Kansas River At Lecompton	Aquatic Life	Biology	SC257	JF, SN, DG	Watershed	Medium	TMDL Approved on 1/26/2000, SB257 & SB372
4a	Mill Creek Near Shawnee	Aquatic Life	Biology	SC251	JO	Watershed	High	TMDL Approved on 8/3/2007
4a	Wakarusa River Near Topeka	Aquatic Life	Biology	SC109	SN, OS	Watershed	High	TMDL Approved on 1/26/2000
4a	Kansas River At Desoto	Aquatic Life	Biology/Sediment	SC254	LV, JO	Watershed	Medium	TMDL Approved on 1/26/2000
4a	Kansas River At Kansas City, Kansas	Aquatic Life	Biology/Sediment	SC203	LV, WY, JO	Watershed	Medium	TMDL Approved on 1/26/2000
4a	Mill Creek Near Shawnee	Aquatic Life	Biology/Sediment	SC251	JO	Watershed	Medium	TMDL Approved on 1/26/2000
4a	Wakarusa River Near Topeka	Aquatic Life	Biology/Sediment	SC109	SN, OS	Watershed	High	TMDL Approved on 1/26/2000
4a	Mill Creek Near Shawnee	Water Supply	Chloride	SC251	JO	Watershed	Low	TMDL Approved on 1/26/2000
4a	Baker Wetlands	Aquatic Life	Dissolved Oxygen	LM014401	DG	Wetland	High	TMDL Approved on 1/26/2000
4a	Gardner City Lake	Aquatic Life	Dissolved Oxygen	LM040401	JO	Lake	High	TMDL Approved on 1/26/2000
4a	Mary's Lake	Aquatic Life	Dissolved Oxygen	LM061401	DG	Lake	Medium	TMDL Approved on 1/26/2000
4a	Sunflower Park Lake	Aquatic Life	Dissolved Oxygen	LM073601	JO	Lake	Medium	TMDL Approved on 1/26/2000
4a	Washington Creek Near Lawrence	Aquatic Life	Dissolved Oxygen	SC678	DG	Watershed	High	TMDL Approved on 1/26/2000
4a	Cedar Creek Near Cedar Junction	Recreation	E. coli	SC252	JO	Watershed	High	TMDL Approved on 1/16/2008
4a	Kansas River At Desoto	Recreation	E. coli	SC254	LV, JO	Watershed	High	TMDL Approved on 1/16/2008

## 2010 303(d) List of All Impaired/Potentially Impaired Waters Kansas Lower Republican Basin

10270104

### Lower Kansas

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
4a	Kansas River At Eudora	Recreation	E. coli	SC255	JF, LV, DG	Watershed	High	TMDL Approved on 1/16/2008
4a	Kansas River At Kansas City, Kansas	Recreation	E. coli	SC203	LV, WY, JO	Watershed	High	TMDL Approved on 1/16/2008
4a	Kansas River At Lecompton	Recreation	E. coli	SC257	JF, SN, DG	Watershed	High	TMDL Approved on 1/16/2008
4a	Kill Creek At Desoto	Recreation	E. coli	SC253	JO	Watershed	High	TMDL Approved on 1/16/2008
4a	Mill Creek Near Shawnee	Recreation	E. coli	SC251	JO	Watershed	High	TMDL Approved on 1/16/2008
4a	Stranger Creek Near Linwood	Recreation	E. coli	SC501	LV	Watershed	High	TMDL Approved on 1/16/2008
4a	Wakarusa River Near Eudora	Recreation	E. coli	SC500	DG	Watershed	High	TMDL Approved on 1/16/2008
4a	Cedar Lake	Aquatic Life	Eutrophication	LM061601	JO	Lake	High	TMDL Approved on 9/28/2007
4a	Clinton Lake	Aquatic Life	Eutrophication	LM030001	SN, DG, OS	Lake	High	TMDL Approved on 1/26/2000
4a	Frisco Lake	Aquatic Life	Eutrophication	LM065201	JO	Lake	Low	TMDL Approved on 1/26/2000
4a	Gardner City Lake	Aquatic Life	Eutrophication	LM040401	JO	Lake	High	TMDL Approved on 1/26/2000
4a	Lakeview Estates Lake	Aquatic Life	Eutrophication	LM075301	SN	Lake	Low	TMDL Approved on 1/26/2000
4a	Lone Star Lake	Aquatic Life	Eutrophication	LM011401	DG	Lake	Low	TMDL Approved on 1/26/2000
4a	Mary's Lake	Aquatic Life	Eutrophication	LM061401	DG	Lake	Medium	TMDL Approved on 1/26/2000
4a	New Olathe Lake	Aquatic Life	Eutrophication	LM061301	JO	Lake	High	TMDL Approved on 9/28/2007

## 2010 303(d) List of All Impaired/Potentially Impaired Waters Kansas Lower Republican Basin

**10270104**

**Lower Kansas**

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
4a	Olathe Waterworks Lakes	Aquatic Life	Eutrophication	LM062201	JO	Lake	Low	TMDL Approved on 1/26/2000
4a	Pierson Park Lake	Aquatic Life	Eutrophication	LM061801	WY	Lake	Low	TMDL Approved on 1/26/2000
4a	Potter's Lake	Aquatic Life	Eutrophication	LM073401	DG	Lake	Low	TMDL Approved on 1/26/2000
4a	Sunflower Park Lake	Aquatic Life	Eutrophication	LM073601	JO	Lake	Medium	TMDL Approved on 1/26/2000
4a	Buck Creek Near Williamstown	Recreation	Fecal Coli	SC677	JF	Watershed	Medium	TMDL Approved on 1/26/2000
4a	Coal Creek Near Sibleyville	Recreation	Fecal Coli	SC679	DG	Watershed	Medium	TMDL Approved on 1/26/2000
4a	Nine Mile Creek Near Linwood	Recreation	Fecal Coli	SC680	JF, LV, DG	Watershed	High	TMDL Approved on 1/26/2000
4a	Stranger Creek Near Easton	Recreation	Fecal Coli	SC602	AT, JF, LV	Watershed	High	TMDL Approved on 1/26/2000
4a	Wakarusa River Near Topeka	Recreation	Fecal Coli	SC109	SN, OS	Watershed	High	TMDL Approved on 1/26/2000
4a	Cedar Creek Near Cedar Junction	Water Supply	Nitrate	SC252	JO	Watershed	High	TMDL Approved on 8/3/2007
4a	Mary's Lake	Aquatic Life	pH	LM061401	DG	Lake	Medium	TMDL Approved on 1/26/2000
4a	Potter's Lake	Aquatic Life	pH	LM073401	DG	Lake	Low	TMDL Approved on 1/26/2000
3	Upper Wakarusa River	Aquatic Life	Ammonia	NPDES94650	SN	Facility		NPDES Permit-Lagoon Study Pending
3	Captain Creek Near Eudora	Aquatic Life	Copper	SC638	DG, JO	Watershed		

## 2010 303(d) List of All Impaired/Potentially Impaired Waters Kansas Lower Republican Basin

10270104

Lower Kansas

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
3	Gardner City Lake	Aquatic Life	Copper	LM040401	JO	Lake		Two most recent samples (2006, 2009) show no impairment
3	Mill Creek Near Shawnee	Aquatic Life	Diazinon	SC251	JO	Watershed	Low	
3	Antioch Park Lake	Aquatic Life	Eutrophication	LM067701	JO	Lake		Small sample size

## 2010 303(d) List of All Impaired/Potentially Impaired Waters Kansas Lower Republican Basin

**10270205**

### Lower Big Blue

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
5	Big Blue River Near Oketo	Aquatic Life	Biology	SC233	MS	Watershed	Low	
5	Black Vermillion River Near Frankfort	Aquatic Life	Biology	SC505	MS,NM	Watershed	Low	SB128
5	Big Blue River Near Blue Rapids	Aquatic Life	Copper	SC240	MS	Watershed	Low	
5	Big Blue River Near Oketo	Aquatic Life	Copper	SC233	MS	Watershed	Low	
5	Black Vermillion River Near Frankfort	Aquatic Life	Copper	SC505	MS,NM	Watershed	Low	Recent Trends indicate concern
5	Big Blue River Near Blue Rapids	Aquatic Life	Lead	SC240	MS	Watershed	Low	
5	Big Blue River Near Oketo	Aquatic Life	Lead	SC233	MS	Watershed	Low	
5	Horseshoe Creek Near Marysville	Aquatic Life	Lead	SC717	MR, CS	Watershed	Low	Recent Trends Do Not Indicate Concern
5	Big Blue River Near Blue Rapids	Aquatic Life	pH	SC240	MS	Watershed	Low	
5	Big Blue River Near Oketo	Aquatic Life	pH	SC233	MS	Watershed	Low	
5	Fancy Creek Near Randolph	Water Supply	Sulfate	SC502	WS, CY, RL	Watershed	Low	
5	Horseshoe Creek Near Marysville	Water Supply	Sulfate	SC717	MR, CS	Watershed	Low	
5	Big Blue River Near Blue Rapids	Aquatic Life	Total Phosphorus	SC240	MS	Watershed	Low	median value: 0.613 > median flag value:0.201
5	Big Blue River Near Oketo	Aquatic Life	Total Phosphorus	SC233	MS	Watershed	Low	median value: 0.8665 > median flag value:0.201
5	Black Vermillion River Near Frankfort	Aquatic Life	Total Phosphorus	SC505	MS,NM	Watershed	Low	median value: 0.259 > median flag value:0.201

## 2010 303(d) List of All Impaired/Potentially Impaired Waters Kansas Lower Republican Basin

**10270205**

### Lower Big Blue

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
5	Horseshoe Creek Near Marysville	Aquatic Life	Total Phosphorus	SC717	MR, CS	Watershed	Low	median value: 0.287 > median flag value:0.201
5	North Elm Creek Near Oketo	Aquatic Life	Total Phosphorus	SC731	MS, NM	Watershed	Low	median value: 0.202 > median flag value:0.201
5	Big Blue River Near Blue Rapids	Aquatic Life	Total Suspended Solids	SC240	MS	Watershed	Low	median value: 101 > median flag value:50
5	Big Blue River Near Oketo	Aquatic Life	Total Suspended Solids	SC233	MS	Watershed	Low	median value: 108.5 > median flag value:50
5	Black Vermillion River Near Frankfort	Aquatic Life	Total Suspended Solids	SC505	MS,NM	Watershed	Low	median value: 55 > median flag value:50
5	Horseshoe Creek Near Marysville	Aquatic Life	Total Suspended Solids	SC717	MR, CS	Watershed	Low	
4a	Tuttle Creek Lake	Aquatic Life	Alachlor	LM021001	MS, RL, PT	Lake	High	TMDL Approved on 1/26/2000
4a	Centralia Lake	Recreation	Aquatic Plants	LM073701	NM	Lake	Medium	TMDL Approved on 1/26/2000
4a	Big Blue River Near Blue Rapids	Aquatic Life	Atrazine	SC240	MS	Watershed	High	TMDL Approved on 8/3/2007
4a	Big Blue River Near Oketo	Aquatic Life	Atrazine	SC233	MS	Watershed	High	TMDL Approved on 8/3/2007
4a	Black Vermillion River Near Frankfort	Aquatic Life	Atrazine	SC505	MS,NM	Watershed	High	TMDL Approved on 8/3/2007
4a	Fancy Creek Near Randolph	Aquatic Life	Atrazine	SC502	WS, CY, RL	Watershed	High	TMDL Approved on 8/3/2007
4a	Horseshoe Creek Near Marysville	Aquatic Life	Atrazine	SC717	MR, CS	Watershed	High	TMDL Approved on 8/3/2007

## 2010 303(d) List of All Impaired/Potentially Impaired Waters Kansas Lower Republican Basin

**10270205**

### Lower Big Blue

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
4a	North Elm Creek Near Oketo	Aquatic Life	Atrazine	SC731	MS, NM	Watershed	High	TMDL Approved on 8/3/2007
4a	Tuttle Creek Lake	Aquatic Life	Atrazine	LM021001	MS, RL, PT	Lake	High	TMDL Approved on 8/3/2007
4a	Centralia Lake	Aquatic Life	Eutrophication	LM073701	NM	Lake	Medium	TMDL Approved on 1/26/2000
4a	Tuttle Creek Lake	Aquatic Life	Eutrophication	LM021001	MS, RL, PT	Lake	High	TMDL Approved on 1/26/2000
4a	Big Blue River Near Blue Rapids	Recreation	Fecal Coli	SC240	MS	Watershed	High	TMDL Approved on 1/26/2000
4a	Big Blue River Near Oketo	Recreation	Fecal Coli	SC233	MS	Watershed	High	TMDL Approved on 1/26/2000
4a	Black Vermillion River Near Frankfort	Recreation	Fecal Coli	SC505	MS, NM	Watershed	High	TMDL Approved on 1/26/2000
4a	Fancy Creek Near Randolph	Recreation	Fecal Coli	SC502	WS, CY, RL	Watershed	Medium	TMDL Approved on 1/26/2000
4a	Horseshoe Creek Near Marysville	Recreation	Fecal Coli	SC717	MR, CS	Watershed	Low	TMDL Approved on 1/26/2000
4a	Centralia Lake	Aquatic Life	pH	LM073701	NM	Lake	Medium	TMDL Approved on 1/26/2000
4a	Tuttle Creek Lake	Water Supply	Siltation	LM021001	MS, RL, PT	Lake	High	TMDL Approved on 1/26/2000
3	Rocky Ford W.A.	Food Procurement	Mercury	LM020601	RL	Lake		Small sample size

## 2010 303(d) List of All Impaired/Potentially Impaired Waters Kansas Lower Republican Basin

**10270207**

### Lower Little Blue

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
5	Little Blue River Near Hollenberg	Aquatic Life	Biology	SC232	RP, WS	Watershed	Low	
5	Little Blue River Near Hollenberg	Aquatic Life	Copper	SC232	RP, WS	Watershed	Low	
5	Little Blue River Near Waterville	Aquatic Life	Copper	SC741	WS, MS	Watershed	Low	
5	Mill Creek Near Hanover	Aquatic Life	Copper	SC507	RP, WS	Watershed	Low	Recent Trends indicate concern
5	Rose Creek Near Narka	Aquatic Life	Copper	SC712	RP	Watershed	Low	
5	Washington Co. SFL	Aquatic Life	Eutrophication	LM010901	WS	Lake	Low	
5	Little Blue River Near Hollenberg	Aquatic Life	Lead	SC232	RP, WS	Watershed	Low	
5	Little Blue River Near Waterville	Aquatic Life	Lead	SC741	WS, MS	Watershed	Low	
5	Mill Creek Near Hanover	Aquatic Life	Lead	SC507	RP, WS	Watershed	Low	
5	Rose Creek Near Narka	Aquatic Life	Lead	SC712	RP	Watershed	Low	
5	Washington W.A.	Aquatic Life	Lead	LM010941	WS	Lake	Low	
5	Little Blue River Near Hollenberg	Aquatic Life	pH	SC232	RP, WS	Watershed	Low	
5	Little Blue River Near Hollenberg	Aquatic Life	Total Phosphorus	SC232	RP, WS	Watershed	Low	median value: 0.389 > median flag value:0.201
5	Little Blue River Near Waterville	Aquatic Life	Total Phosphorus	SC741	WS, MS	Watershed	Low	median value: 0.337 > median flag value:0.201
5	Rose Creek Near Narka	Aquatic Life	Total Phosphorus	SC712	RP	Watershed	Low	median value: 0.407 > median flag value:0.201
5	Little Blue River Near Hollenberg	Aquatic Life	Total Suspended Solids	SC232	RP, WS	Watershed	Low	median value: 53 > median flag value:50

## 2010 303(d) List of All Impaired/Potentially Impaired Waters Kansas Lower Republican Basin

**10270207**

### Lower Little Blue

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
5	Little Blue River Near Waterville	Aquatic Life	Total Suspended Solids	SC741	WS, MS	Watershed	Low	
5	Mill Creek Near Hanover	Aquatic Life	Total Suspended Solids	SC507	RP, WS	Watershed	Low	median value: 52 > median flag value:50
5	Rose Creek Near Narka	Aquatic Life	Total Suspended Solids	SC712	RP	Watershed	Low	
4a	Washington Co. SFL	Recreation	Aquatic Plants	LM010901	WS	Lake	Low	TMDL Approved on 1/26/2000
4a	Little Blue River Near Hollenberg	Aquatic Life	Atrazine	SC232	RP, WS	Watershed	High	TMDL Approved on 8/3/2007
4a	Little Blue River Near Waterville	Aquatic Life	Atrazine	SC741	WS, MS	Watershed	High	TMDL Approved on 8/3/2007
4a	Mill Creek Near Hanover	Aquatic Life	Atrazine	SC507	RP, WS	Watershed	High	TMDL Approved on 8/3/2007
4a	Rose Creek Near Narka	Aquatic Life	Atrazine	SC712	RP	Watershed	High	TMDL Approved on 8/3/2007
4a	Washington Co. SFL	Aquatic Life	Dissolved Oxygen	LM010901	WS	Lake	Low	TMDL Approved on 1/26/2000
4a	Lake Idlewild	Aquatic Life	Eutrophication	LM061201	MS	Lake	Low	TMDL Approved on 1/26/2000
4a	Washington W.A.	Aquatic Life	Eutrophication	LM010941	WS	Lake	Low	TMDL Approved on 1/26/2000
4a	Little Blue River Near Hollenberg	Recreation	Fecal Coli	SC232	RP, WS	Watershed	High	TMDL Approved on 1/26/2000
4a	Little Blue River Near Waterville	Recreation	Fecal Coli	SC741	WS, MS	Watershed	High	TMDL Approved on 1/26/2000
4a	Mill Creek Near Hanover	Recreation	Fecal Coli	SC507	RP, WS	Watershed	High	TMDL Approved on 1/26/2000
4a	Washington W.A.	Water Supply	Siltation	LM010941	WS	Lake	Low	TMDL Approved on 1/26/2000

## 2010 303(d) List of All Impaired/Potentially Impaired Waters Kansas Lower Republican Basin

**10270207**

**Lower Little Blue**

<b>Cat.</b>	<b>Stream/Lake</b>	<b>Impaired Use</b>	<b>Impairment</b>	<b>Station</b>	<b>Counties</b>	<b>Body Type</b>	<b>Priority</b>	<b>Comment</b>
3	Washington W.A.	Aquatic Life	Dissolved Oxygen	LM010941	WS	Lake		Small sample size

## 2010 303(d) List of All Impaired/Potentially Impaired Waters Lower Arkansas Basin

**11030009**

**Rattlesnake**

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
5	Quivira Big Salt Marsh	Water Supply	Chloride	LM050601	SF	Lake	Low	
5	Quivira Little Salt Marsh	Water Supply	Chloride	LM050201	SF	Lake	Low	
5	Quivira Big Salt Marsh	Water Supply	Siltation	LM050601	SF	Lake	Low	
5	Quivira Little Salt Marsh	Water Supply	Siltation	LM050201	SF	Lake	Low	
4a	Quivira Big Salt Marsh	Aquatic Life	Eutrophication	LM050601	SF	Lake	High	TMDL Approved on 9/11/2000
4a	Quivira Little Salt Marsh	Aquatic Life	Eutrophication	LM050201	SF	Lake	High	TMDL Approved on 9/11/2000
4a	Quivira Big Salt Marsh	Aquatic Life	pH	LM050601	SF	Lake	High	TMDL Approved on 9/11/2000
4a	Quivira Little Salt Marsh	Aquatic Life	pH	LM050201	SF	Lake	High	TMDL Approved on 9/11/2000
3	Kiowa Co. SFL	Aquatic Life	Eutrophication	LM042801	KW	Lake		Small sample size, No samples since 1991

## 2010 303(d) List of All Impaired/Potentially Impaired Waters Lower Arkansas Basin

**11030010  
Gar-Peace**

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
5	Arkansas River Near Maize	Aquatic Life	Total Phosphorus	SC536	RN, SG	Watershed	Medium	median value: 0.2015 > median flag value:0.201
5	Arkansas River Near Yoder	Aquatic Life	Total Phosphorus	SC524	RN	Watershed	Medium	median value: 0.235 > median flag value:0.201
4a	Arkansas River Near Hutchinson	Aquatic Life	Biology	SC523	RC, RN	Watershed	Medium	TMDL Approved on 8/3/2007, SB283
4a	Arkansas River Near Maize	Aquatic Life	Biology	SC536	RN, SG	Watershed	Medium	TMDL Approved on 8/3/2007, SB283
4a	Arkansas River Near Yoder	Aquatic Life	Biology	SC524	RN	Watershed	Medium	TMDL Approved on 8/3/2007, SB283
4a	Arkansas River Near Hutchinson	Water Supply	Chloride	SC523	RC, RN	Watershed	Medium	TMDL Approved on 9/20/2006
4a	Arkansas River Near Maize	Water Supply	Chloride	SC536	RN, SG	Watershed	Medium	TMDL Approved on 9/20/2006
4a	Arkansas River Near Yoder	Water Supply	Chloride	SC524	RN	Watershed	Medium	TMDL Approved on 9/20/2006
4a	Peace Creek Near Sterling	Water Supply	Chloride	SC658	SF, RN, PR	Watershed	Low	TMDL Approved on 7/27/2001
4a	Salt Creek Near Hutchinson	Water Supply	Chloride	SC659	RN	Watershed	Medium	TMDL Approved on 9/20/2006
4a	Carey Park Lake	Aquatic Life	Eutrophication	LM063001	RN	Lake	Low	TMDL Approved on 11/13/2000
4a	Peace Creek Near Sterling	Recreation	Fecal Coli	SC658	SF, RN, PR	Watershed	Medium	TMDL Approved on 7/27/2001
4a	Peace Creek Near Sterling	Aquatic Life	pH	SC658	SF, RN, PR	Watershed	Medium	TMDL Approved on 7/27/2001

## 2010 303(d) List of All Impaired/Potentially Impaired Waters Lower Arkansas Basin

**11030010**

**Gar-Peace**

<b>Cat.</b>	<b>Stream/Lake</b>	<b>Impaired Use</b>	<b>Impairment</b>	<b>Station</b>	<b>Counties</b>	<b>Body Type</b>	<b>Priority</b>	<b>Comment</b>
4a	Salt Creek Near Hutchinson	Aquatic Life	pH	SC659	RN	Watershed	Medium	TMDL Approved on 7/27/2001
3	Arkansas River Near Maize	Aquatic Life	Atrazine	SC536	RN, SG	Watershed		Recent Trends indicate concern
3	Salt Creek Near Hutchinson	Recreation	E. coli	SC659	RN	Watershed		Small sample size

## 2010 303(d) List of All Impaired/Potentially Impaired Waters Lower Arkansas Basin

**11030011**

**Cow Creek**

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
5	Cow Creek Near Lyons	Aquatic Life	Atrazine	SC657	EW, BT, RC	Watershed	Low	Last exceedence occurred in most current sample year:2009
5	Little Cow Creek Near Lyons	Aquatic Life	Copper	SC656	EW, RC	Watershed	Low	
5	Cow Creek Near Willowbrook	Aquatic Life	Lead	SC522	RC, RN	Watershed	Low	
5	Little Cow Creek Near Lyons	Aquatic Life	Lead	SC656	EW, RC	Watershed	Low	
5	Cow Creek Near Hutchinson	Food Procurement	PCB	SC287	RN	Watershed	Low	Fish consumption advisory
5	Cow Creek Near Hutchinson	Aquatic Life	Selenium	SC287	RN	Watershed	Low	
5	Cheyenne Bottoms	Water Supply	Siltation	LM050401	BT	Lake	Low	
5	Cow Creek Near Lyons	Aquatic Life	Total Phosphorus	SC657	EW, BT, RC	Watershed	Low	median value: 0.429 > median flag value:0.201
5	Cow Creek Near Willowbrook	Aquatic Life	Total Phosphorus	SC522	RC, RN	Watershed	Low	median value: 0.427 > median flag value:0.201
5	Little Cow Creek Near Lyons	Aquatic Life	Total Phosphorus	SC656	EW, RC	Watershed	Low	median value: 1.97 > median flag value:0.201
5	Cow Creek Near Lyons	Aquatic Life	Total Suspended Solids	SC657	EW, BT, RC	Watershed	Low	median value: 77.5 > median flag value:50
5	Cow Creek Near Willowbrook	Aquatic Life	Total Suspended Solids	SC522	RC, RN	Watershed	Low	median value: 75 > median flag value:50
4a	Little Cow Creek Near Lyons	Aquatic Life	Ammonia	SC656	EW, RC	Watershed	High	TMDL Approved on 8/3/2007

## 2010 303(d) List of All Impaired/Potentially Impaired Waters Lower Arkansas Basin

**11030011**

### **Cow Creek**

<b>Cat.</b>	<b>Stream/Lake</b>	<b>Impaired Use</b>	<b>Impairment</b>	<b>Station</b>	<b>Counties</b>	<b>Body Type</b>	<b>Priority</b>	<b>Comment</b>
4a	Cow Creek Near Hutchinson	Aquatic Life	Biology	SC287	RN	Watershed	Medium	TMDL Approved on 8/3/2007, SB283
4a	Cow Creek Near Hutchinson	Water Supply	Chloride	SC287	RN	Watershed	Medium	TMDL Approved on 9/20/2006
4a	Cow Creek Near Lyons	Water Supply	Chloride	SC657	EW, BT, RC	Watershed	Medium	TMDL Approved on 9/20/2006
4a	Cow Creek Near Willowbrook	Water Supply	Chloride	SC522	RC, RN	Watershed	High	TMDL Approved on 8/9/2000
4a	Little Cow Creek Near Lyons	Water Supply	Chloride	SC656	EW, RC	Watershed	Medium	TMDL Approved on 9/20/2006
4a	Cheyenne Bottoms	Aquatic Life	Dissolved Oxygen	LM050401	BT	Lake	High	TMDL Approved on 9/11/2000
4a	Little Cow Creek Near Lyons	Aquatic Life	Dissolved Oxygen	SC656	EW, RC	Watershed	High	TMDL Approved on 9/11/2000
4a	Cheyenne Bottoms	Aquatic Life	Eutrophication	LM050401	BT	Lake	High	TMDL Approved on 9/11/2000
4a	Cow Creek Near Hutchinson	Recreation	Fecal Coli	SC287	RN	Watershed	High	TMDL Approved on 8/9/2000
4a	Cow Creek Near Lyons	Recreation	Fecal Coli	SC657	EW, BT, RC	Watershed	High	TMDL Approved on 8/9/2000
4a	Cow Creek Near Willowbrook	Recreation	Fecal Coli	SC522	RC, RN	Watershed	High	TMDL Approved on 8/9/2000
4a	Little Cow Creek Near Lyons	Recreation	Fecal Coli	SC656	EW, RC	Watershed	High	TMDL Approved on 8/9/2000
4a	Little Cow Creek Near Lyons	Water Supply	Nitrate	SC656	EW, RC	Watershed	High	TMDL Approved on 8/3/2007
3	Little Cow Creek Near Lyons	Aquatic Life	Diazinon	SC656	EW, RC	Watershed	Low	
3	Sterling City Lake	Aquatic Life	Eutrophication	LM064801	RC	Lake		Small sample size, sampled in 1994 and 2007

## 2010 303(d) List of All Impaired/Potentially Impaired Waters Lower Arkansas Basin

**11030012**

**Little Arkansas**

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
5	Little Arkansas River At Alta Mills	Aquatic Life	Total Suspended Solids	SC246	MP, RC, RN	Watershed	High	median value: 54 > median flag value:50
5	Emma Creek Near Sedgwick	Aquatic Life	Lead	SC534	MP, MN, HV	Watershed	Medium	
5	Kisiwa Creek Near Halstead	Aquatic Life	Lead	SC703	HV, RN	Watershed	Medium	
5	Little Arkansas River At Alta Mills	Aquatic Life	Lead	SC246	MP, RC, RN	Watershed	Medium	
5	Little Arkansas River At Wichita	Aquatic Life	Lead	SC728	SG, SU	Watershed	Medium	
5	Turkey Creek Near Alta Mills	Aquatic Life	Lead	SC533	MP, RC, RN	Watershed	Medium	
5	Emma Creek Near Sedgwick	Water Supply	Arsenic	SC534	MP, MN, HV	Watershed	Low	
5	Turkey Creek Near Alta Mills	Water Supply	Arsenic	SC533	MP, RC, RN	Watershed	Low	
5	Black Kettle Creek Near Halstead	Aquatic Life	Atrazine	SC705	MP, HV	Watershed	Low	4b in waiting
5	Kisiwa Creek Near Halstead	Aquatic Life	Atrazine	SC703	HV, RN	Watershed	Low	4b in waiting
5	Little Arkansas River At Alta Mills	Aquatic Life	Atrazine	SC246	MP, RC, RN	Watershed	Low	Recent Trends Do Not Indicate Concern
5	Little Arkansas River At Valley Center	Aquatic Life	Atrazine	SC282	HV, SG	Watershed	Low	
5	Little Arkansas River At Wichita	Aquatic Life	Atrazine	SC728	SG, SU	Watershed	Low	
5	Black Kettle Creek Near Halstead	Aquatic Life	Copper	SC705	MP, HV	Watershed	Low	
5	Kisiwa Creek Near Halstead	Aquatic Life	Copper	SC703	HV, RN	Watershed	Low	
5	Little Arkansas River At Alta Mills	Aquatic Life	Copper	SC246	MP, RC, RN	Watershed	Low	
5	Black Kettle Creek Near Halstead	Aquatic Life	Dissolved Oxygen	SC705	MP, HV	Watershed	Low	
5	Emma Creek Near Sedgwick	Aquatic Life	Dissolved Oxygen	SC534	MP, MN, HV	Watershed	Low	
5	Black Kettle Creek Near Halstead	Aquatic Life	Lead	SC705	MP, HV	Watershed	Low	

## 2010 303(d) List of All Impaired/Potentially Impaired Waters Lower Arkansas Basin

11030012

### Little Arkansas

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
5	Little Arkansas River At Valley Center	Aquatic Life	Lead	SC282	HV, SG	Watershed	Low	
5	Little Arkansas River At Wichita	Food Procurement	Mercury	SC728	SG, SU	Watershed	Low	Fish consumption advisory
5	Turkey Creek Near Alta Mills	Aquatic Life	Selenium	SC533	MP, RC, RN	Watershed	Low	
5	Black Kettle Creek Near Halstead	Aquatic Life	Total Phosphorus	SC705	MP, HV	Watershed	Low	median value: 0.781 > median flag value:0.201
5	Emma Creek Near Sedgwick	Aquatic Life	Total Phosphorus	SC534	MP, MN, HV	Watershed	Low	median value: 0.735 > median flag value:0.201
5	Kisiwa Creek Near Halstead	Aquatic Life	Total Phosphorus	SC703	HV, RN	Watershed	Low	median value: 0.785 > median flag value:0.201
5	Little Arkansas River At Alta Mills	Aquatic Life	Total Phosphorus	SC246	MP, RC, RN	Watershed	Low	median value: 0.516 > median flag value:0.201
5	Little Arkansas River At Valley Center	Aquatic Life	Total Phosphorus	SC282	HV, SG	Watershed	Low	median value: 0.5405 > median flag value:0.201
5	Little Arkansas River At Wichita	Aquatic Life	Total Phosphorus	SC728	SG, SU	Watershed	Low	median value: 0.376 > median flag value:0.201
5	Sand Creek Near Sedgwick	Aquatic Life	Total Phosphorus	SC535	MN, HV	Watershed	Low	median value: 2.07 > median flag value:0.201
5	Turkey Creek Near Alta Mills	Aquatic Life	Total Phosphorus	SC533	MP, RC, RN	Watershed	Low	median value: 0.69 > median flag value:0.201

## 2010 303(d) List of All Impaired/Potentially Impaired Waters Lower Arkansas Basin

**11030012**

### Little Arkansas

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
5	Black Kettle Creek Near Halstead	Aquatic Life	Total Suspended Solids	SC705	MP, HV	Watershed	Low	median value: 185 > median flag value:50
5	Kisiwa Creek Near Halstead	Aquatic Life	Total Suspended Solids	SC703	HV, RN	Watershed	Low	median value: 57 > median flag value:50
5	Little Arkansas River At Valley Center	Aquatic Life	Total Suspended Solids	SC282	HV, SG	Watershed	Low	median value: 54.5 > median flag value:50
5	Little Arkansas River At Wichita	Aquatic Life	Total Suspended Solids	SC728	SG, SU	Watershed	Low	median value: 59 > median flag value:50
5	Turkey Creek Near Alta Mills	Aquatic Life	Total Suspended Solids	SC533	MP, RC, RN	Watershed	Low	median value: 84 > median flag value:50
5	Turkey Creek Near Alta Mills	Aquatic Life	Zinc	SC533	MP, RC, RN	Watershed	Low	
4b	Emma Creek Near Sedgwick	Aquatic Life	Atrazine	SC534	MP, MN, HV	Watershed	Low	4b plan Approved on 12/18/2008
4b	Sand Creek Near Sedgwick	Aquatic Life	Atrazine	SC535	MN, HV	Watershed	Low	4b plan Approved on 12/18/2008
4b	Turkey Creek Near Alta Mills	Aquatic Life	Atrazine	SC533	MP, RC, RN	Watershed	Low	4b plan Approved on 12/18/2008
4a	Black Kettle Creek Near Halstead	Aquatic Life	Biology	SC705	MP, HV	Watershed	High	TMDL Approved on 9/11/2000, SB282
4a	Emma Creek Near Sedgwick	Aquatic Life	Biology	SC534	MP, MN, HV	Watershed	High	TMDL Approved on 9/11/2000, SB282
4a	Kisiwa Creek Near Halstead	Aquatic Life	Biology	SC703	HV, RN	Watershed	High	TMDL Approved on 9/11/2000, SB282
4a	Little Arkansas River At Alta Mills	Aquatic Life	Biology	SC246	MP, RC, RN	Watershed	High	TMDL Approved on 9/11/2000

## 2010 303(d) List of All Impaired/Potentially Impaired Waters Lower Arkansas Basin

**11030012**

### Little Arkansas

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
4a	Little Arkansas River At Valley Center	Aquatic Life	Biology	SC282	HV, SG	Watershed	High	TMDL Approved on 9/11/2000
4a	Little Arkansas River At Wichita	Aquatic Life	Biology	SC728	SG, SU	Watershed	High	TMDL Approved on 9/11/2000, SB282
4a	Sand Creek Near Sedgwick	Aquatic Life	Biology	SC535	MN, HV	Watershed	High	TMDL Approved on 9/11/2000, SB282
4a	Turkey Creek Near Alta Mills	Aquatic Life	Biology	SC533	MP, RC, RN	Watershed	High	TMDL Approved on 9/11/2000, SB282
4a	Black Kettle Creek Near Halstead	Aquatic Life	Biology/Sediment	SC705	MP, HV	Watershed	High	TMDL Approved on 9/11/2000
4a	Emma Creek Near Sedgwick	Aquatic Life	Biology/Sediment	SC534	MP, MN, HV	Watershed	High	TMDL Approved on 9/11/2000
4a	Kisiwa Creek Near Halstead	Aquatic Life	Biology/Sediment	SC703	HV, RN	Watershed	High	TMDL Approved on 9/11/2000
4a	Little Arkansas River At Alta Mills	Aquatic Life	Biology/Sediment	SC246	MP, RC, RN	Watershed	High	TMDL Approved on 9/11/2000
4a	Little Arkansas River At Valley Center	Aquatic Life	Biology/Sediment	SC282	HV, SG	Watershed	High	TMDL Approved on 9/11/2000
4a	Little Arkansas River At Wichita	Aquatic Life	Biology/Sediment	SC728	SG, SU	Watershed	High	TMDL Approved on 9/11/2000
4a	Sand Creek Near Sedgwick	Aquatic Life	Biology/Sediment	SC535	MN, HV	Watershed	High	TMDL Approved on 9/11/2000
4a	Turkey Creek Near Alta Mills	Aquatic Life	Biology/Sediment	SC533	MP, RC, RN	Watershed	High	TMDL Approved on 9/11/2000
4a	Little Arkansas River At Alta Mills	Water Supply	Chloride	SC246	MP, RC, RN	Watershed	Medium	TMDL Approved on 9/20/2006
4a	Turkey Creek Near Alta Mills	Water Supply	Chloride	SC533	MP, RC, RN	Watershed	Medium	TMDL Approved on 9/20/2006

## 2010 303(d) List of All Impaired/Potentially Impaired Waters Lower Arkansas Basin

**11030012**

### Little Arkansas

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
4a	Mingenback Lake	Aquatic Life	Dissolved Oxygen	LM064701	MP	Lake	Medium	TMDL Approved on 11/13/2000
4a	Sand Creek Near Sedgwick	Aquatic Life	Dissolved Oxygen	SC535	MN, HV	Watershed	Medium	TMDL Approved on 8/3/2007
4a	Turkey Creek Near Alta Mills	Aquatic Life	Dissolved Oxygen	SC533	MP, RC, RN	Watershed	High	TMDL Approved on 9/11/2000
4a	Dillon Park Lakes	Aquatic Life	Eutrophication	LM063101	RN	Lake	Medium	TMDL Approved on 11/13/2000
4a	Harvey Co. Camp Hawk Lake	Aquatic Life	Eutrophication	LM063401	HV	Lake	Low	TMDL Approved on 11/13/2000
4a	Harvey Co. West Park Lake	Aquatic Life	Eutrophication	LM049001	HV	Lake	Low	TMDL Approved on 11/13/2000
4a	Mingenback Lake	Aquatic Life	Eutrophication	LM064701	MP	Lake	Medium	TMDL Approved on 11/13/2000
4a	Newton City Park Lake	Aquatic Life	Eutrophication	LM064201	HV	Lake	High	TMDL Approved on 9/11/2000
4a	Emma Creek Near Sedgwick	Recreation	Fecal Coli	SC534	MP, MN, HV	Watershed	High	TMDL Approved on 8/9/2000
4a	Little Arkansas River At Alta Mills	Recreation	Fecal Coli	SC246	MP, RC, RN	Watershed	High	TMDL Approved on 8/9/2000
4a	Little Arkansas River At Valley Center	Recreation	Fecal Coli	SC282	HV, SG	Watershed	High	TMDL Approved on 8/9/2000
4a	Little Arkansas River At Wichita	Recreation	Fecal Coli	SC728	SG, SU	Watershed	High	TMDL Approved on 8/9/2000
4a	Sand Creek Near Sedgwick	Recreation	Fecal Coli	SC535	MN, HV	Watershed	High	TMDL Approved on 8/9/2000
4a	Turkey Creek Near Alta Mills	Recreation	Fecal Coli	SC533	MP, RC, RN	Watershed	High	TMDL Approved on 8/9/2000
4a	Sand Creek Near Sedgwick	Water Supply	Nitrate	SC535	MN, HV	Watershed	High	TMDL Approved on 8/3/2007

## 2010 303(d) List of All Impaired/Potentially Impaired Waters Lower Arkansas Basin

**11030012**

**Little Arkansas**

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
4a	Dillon Park Lakes	Aquatic Life	pH	LM063101	RN	Lake	Medium	TMDL Approved on 11/13/2000
4a	Harvey Co. Camp Hawk Lake	Water Supply	Siltation	LM063401	HV	Lake	Low	TMDL Approved on 11/13/2000
3	Inman Lake	Aquatic Life	Copper	LM050301	MP	Lake		New, Small sample size, only sampled in 2005 but violation
3	Harvey Co. West Park Lake	Aquatic Life	Dissolved Oxygen	LM049001	HV	Lake		2008 DO levels acceptable, last two sampling years DO has been good. Last violation was in 2000.
3	Inman Lake	Aquatic Life	Eutrophication	LM050301	MP	Lake		Small sample size, only sampled in 2005
3	Inman Lake	Aquatic Life	Lead	LM050301	MP	Lake		New, Small sample size, only sampled in 2005 but violation
3	Inman Lake	Water Supply	Siltation	LM050301	MP	Lake		Small sample size, only sampled in 2005
3	Mingenback Lake	Water Supply	Siltation	LM064701	MP	Lake		Small sample size, sampled in 1994 and 2006

## 2010 303(d) List of All Impaired/Potentially Impaired Waters Lower Arkansas Basin

**11030013**

### Middle Arkansas-Slate

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
5	Slate Creek Near Wellington	Recreation	E. coli	SC528	SU	Watershed	High	2009 Sampling confirms impairment
5	Arkansas River At Derby	Aquatic Life	Total Phosphorus	SC281	SG	Watershed	Medium	median value: 0.639 > median flag value:0.201
5	Arkansas River At Oxford	Aquatic Life	Total Phosphorus	SC527	SG, SU, CL	Watershed	Medium	median value: 0.44 > median flag value:0.201
5	Arkansas River At Wichita	Aquatic Life	Total Phosphorus	SC729	SG, SU	Watershed	Medium	median value: 0.239 > median flag value:0.201
5	Arkansas River Near Arkansas City	Aquatic Life	Total Phosphorus	SC218	SU, CL	Watershed	Medium	median value: 0.429 > median flag value:0.201
5	Arkansas River At Wichita	Aquatic Life	Atrazine	SC729	SG, SU	Watershed	Low	
5	Cowskin Creek Near Belle Plaine	Aquatic Life	Copper	SC702	SG, SU	Watershed	Low	
5	Chisholm Creek Park Lake	Aquatic Life	Eutrophication	LM064601	SG	Lake		Small sample size, but sampled in 2008 and high nutrients and chla >20ppb with degrading trend
5	Arkansas River At Derby	Aquatic Life	Lead	SC281	SG	Watershed	Low	
5	Arkansas River At Wichita	Aquatic Life	Lead	SC729	SG, SU	Watershed	Low	
5	Arkansas River Near Arkansas City	Aquatic Life	Lead	SC218	SU, CL	Watershed	Low	
5	Cowskin Creek At Wichita	Aquatic Life	Lead	SC730	SG, SU	Watershed	Low	
5	Cowskin Creek Near Belle Plaine	Aquatic Life	Lead	SC702	SG, SU	Watershed	Low	

## 2010 303(d) List of All Impaired/Potentially Impaired Waters Lower Arkansas Basin

11030013

### Middle Arkansas-Slate

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
5	Arkansas River At Derby	Food Procurement	PCB	SC281	SG	Watershed	Low	Fish consumption advisory
5	Arkansas River At Oxford	Aquatic Life	pH	SC527	SG, SU, CL	Watershed	Low	
5	Arkansas River Near Arkansas City	Aquatic Life	pH	SC218	SU, CL	Watershed	Low	
5	Cowskin Creek At Wichita	Aquatic Life	Total Phosphorus	SC730	SG, SU	Watershed	Low	median value: 0.374 > median flag value:0.201
5	Cowskin Creek Near Belle Plaine	Aquatic Life	Total Phosphorus	SC702	SG, SU	Watershed	Low	median value: 0.47 > median flag value:0.201
5	Slate Creek Near Wellington	Aquatic Life	Total Phosphorus	SC528	SU	Watershed	Low	median value: 0.456 > median flag value:0.201
5	Arkansas River At Derby	Aquatic Life	Total Suspended Solids	SC281	SG	Watershed	Low	
5	Arkansas River At Oxford	Aquatic Life	Total Suspended Solids	SC527	SG, SU, CL	Watershed	Low	median value: 71 > median flag value:50
5	Arkansas River Near Arkansas City	Aquatic Life	Total Suspended Solids	SC218	SU, CL	Watershed	Low	median value: 79 > median flag value:50
5	Cowskin Creek Near Belle Plaine	Aquatic Life	Total Suspended Solids	SC702	SG, SU	Watershed	Low	median value: 64 > median flag value:50
5	Slate Creek Near Wellington	Aquatic Life	Total Suspended Solids	SC528	SU	Watershed	Low	median value: 62 > median flag value:50
4a	Arkansas River At Derby	Aquatic Life	Biology	SC281	SG	Watershed	Medium	TMDL Approved on 7/27/2001
4a	Arkansas River At Wichita	Aquatic Life	Biology	SC729	SG, SU	Watershed	Low	TMDL Approved on 7/27/2001, SB281

## 2010 303(d) List of All Impaired/Potentially Impaired Waters Lower Arkansas Basin

**11030013**

### Middle Arkansas-Slate

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
4a	Arkansas River Near Arkansas City	Aquatic Life	Biology	SC218	SU, CL	Watershed	Medium	TMDL Approved on 7/27/2001
4a	Cowskin Creek At Wichita	Aquatic Life	Biology	SC730	SG, SU	Watershed	High	TMDL Approved on 9/28/2007, SB346
4a	Cowskin Creek In Wichita-Valley Center Floodway	Aquatic Life	Biology	SC288	SG	Watershed	High	TMDL Approved on 9/28/2007, SB346
4a	Arkansas River At Derby	Water Supply	Chloride	SC281	SG	Watershed	Medium	TMDL Approved on 9/20/2006
4a	Arkansas River At Oxford	Water Supply	Chloride	SC527	SG, SU, CL	Watershed	Medium	TMDL Approved on 9/20/2006
4a	Arkansas River At Wichita	Water Supply	Chloride	SC729	SG, SU	Watershed	Medium	TMDL Approved on 9/20/2006
4a	Arkansas River Near Arkansas City	Water Supply	Chloride	SC218	SU, CL	Watershed	Medium	TMDL Approved on 9/20/2006
4a	Slate Creek Near Wellington	Water Supply	Chloride	SC528	SU	Watershed	Medium	TMDL Approved on 9/20/2006
4a	Slate Creek W.A.	Water Supply	Chloride	LM014201	SU	Lake	Medium	TMDL Approved on 11/13/2000
4a	Cadillac Lake (Pracht Wetland)	Aquatic Life	Eutrophication	LM054101	SG	Lake	Low	TMDL Approved on 11/13/2000
4a	Horseshoe Lake	Aquatic Life	Eutrophication	LM063501	SG	Lake	Low	TMDL Approved on 11/13/2000
4a	Kid's Lake	Aquatic Life	Eutrophication	LM063601	SG	Lake	Low	TMDL Approved on 11/13/2000
4a	Slate Creek W.A.	Aquatic Life	Eutrophication	LM014201	SU	Lake	Medium	TMDL Approved on 11/13/2000
4a	Watson Park Lake	Aquatic Life	Eutrophication	LM064401	SG	Lake	Low	TMDL Approved on 11/13/2000
4a	Arkansas River At Derby	Recreation	Fecal Coli	SC281	SG	Watershed	High	TMDL Approved on 8/9/2000

## 2010 303(d) List of All Impaired/Potentially Impaired Waters Lower Arkansas Basin

**11030013**

### Middle Arkansas-Slate

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
4a	Arkansas River At Oxford	Recreation	Fecal Coli	SC527	SG, SU, CL	Watershed	High	TMDL Approved on 8/9/2000
4a	Arkansas River At Wichita	Recreation	Fecal Coli	SC729	SG, SU	Watershed	High	TMDL Approved on 8/9/2000
4a	Cowskin Creek At Wichita	Recreation	Fecal Coli	SC730	SG, SU	Watershed	High	TMDL Approved on 8/9/2000
4a	Cowskin Creek In Wichita-Valley Center Floodway	Recreation	Fecal Coli	SC288	SG	Watershed	High	TMDL Approved on 8/9/2000
4a	Cowskin Creek In Wichita-Valley Center Floodway	Aquatic Life	pH	SC288	SG	Watershed	High	TMDL Approved on 9/28/2007
4a	Slate Creek W.A.	Aquatic Life	pH	LM014201	SU	Lake	Medium	TMDL Approved on 11/13/2000
4a	Slate Creek W.A.	Water Supply	Siltation	LM014201	SU	Lake	Medium	TMDL Approved on 11/13/2000
4a	Slate Creek Near Wellington	Water Supply	Sulfate	SC528	SU	Watershed	Low	TMDL Approved on 7/27/2001
4a	Slate Creek W.A.	Water Supply	Sulfate	LM014201	SU	Lake	Low	TMDL Approved on 11/13/2000
3	Arkansas River At Derby	Aquatic Life	Atrazine	SC281	SG	Watershed		Recent Trends indicate concern
3	Vic's Lake	Aquatic Life	Eutrophication	LM064301	SG	Lake		Last sample in 2006 and Chla is <10 ppb and status is improving; only other sample was from 1989
3	Windmill Lake	Aquatic Life	Eutrophication	LM064501	SG	Lake		Small sample size, last sampled in 2006 and
3	Arkansas River At Oxford	Aquatic Life	Lead	SC527	SG, SU, CL	Watershed		

## 2010 303(d) List of All Impaired/Potentially Impaired Waters Lower Arkansas Basin

### 11030013

#### Middle Arkansas-Slate

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
3	Slate Creek Near Wellington	Aquatic Life	Lead	SC528	SU	Watershed		

### 11030014

#### North Fork Ninnescah

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
5	Red Rock Creek	Aquatic Life	Atrazine	USGS071447	RN	Watershed	Low	
4a	Cheney Lake	Aquatic Life	Eutrophication	LM017001	RN	Lake	High	TMDL Approved on 9/11/2000
4a	North Fork Ninnescah River Near Castleton	Aquatic Life	pH	SC525	SF, RN, PR	Watershed	Low	TMDL Approved on 7/27/2001
4a	Cheney Lake	Water Supply	Siltation	LM017001	RN	Lake	High	TMDL Approved on 8/9/2000

## 2010 303(d) List of All Impaired/Potentially Impaired Waters Lower Arkansas Basin

**11030015**

### South Fork Ninescah

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
5	Texas Lake W.A.	Aquatic Life	Dissolved Oxygen	LM053001	PR	Lake	Low	
5	Pratt Co. Lake	Aquatic Life	pH	LM064001	PR	Lake	Low	
4a	Kingman Co. SFL	Recreation	Aquatic Plants	LM010401	KM	Lake	Medium	TMDL Approved on 11/13/2000
4a	South Fork Ninescah River Near Murdock	Water Supply	Chloride	SC036	PR, KM	Watershed	Medium	TMDL Approved on 9/20/2006
4a	Kingman Co. SFL	Aquatic Life	Dissolved Oxygen	LM010401	KM	Lake	Medium	TMDL Approved on 11/13/2000
4a	Pratt Co. Lake	Aquatic Life	Eutrophication	LM064001	PR	Lake	High	TMDL Approved on 9/11/2000
4a	Kingman Co. SFL	Aquatic Life	pH	LM010401	KM	Lake	Medium	TMDL Approved on 11/13/2000
3	Ninescah River, South Fork	Aquatic Life	Ammonia	NPDES49751	PR	Facility		Evaluate for 2012 303(d) list
3	Lemon Park Lake	Aquatic Life	Eutrophication	LM063901	PR	Lake		Last sample in 2006 and Chla is <5 ppb and status is improving; only other sample was from 1989

**11030016**

### Ninescah

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
5	Ninescah River Near Belle Plaine	Aquatic Life	Total Suspended Solids	SC280	SG, KM, SU	Watershed	Low	median value: 60 > median flag value:50
4a	Ninescah River Near Belle Plaine	Water Supply	Chloride	SC280	SG, KM, SU	Watershed	Medium	TMDL Approved on 9/20/2006
4a	Lake Afton	Aquatic Life	Eutrophication	LM049201	SG	Lake	High	TMDL Approved on 9/11/2000

## 2010 303(d) List of All Impaired/Potentially Impaired Waters Lower Arkansas Basin

### 11060001

#### Kaw Lake

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
5	Cowley Co. SFL	Aquatic Life	Eutrophication	LM013401	CL	Lake	Low	
4a	Silver Creek Near Silverdale	Aquatic Life	Dissolved Oxygen	SC706	CL	Watershed	Medium	TMDL Approved on 9/11/2000
4a	Cowley Co. SFL	Aquatic Life	Selenium	LM013401	CL	Lake	Low	TMDL Approved on 11/13/2000

### 11060002

#### Upper Salt Fork Arkansas

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
5	Mule Creek Near Aetna	Aquatic Life	Temperature	SC622	KW, BA, CM	Watershed	Low	
5	Salt Fork Arkansas River Near Hardtner	Aquatic Life	Temperature	SC591	BA, CM	Watershed	Low	
4a	Mule Creek Near Aetna	Recreation	Fecal Coli	SC622	KW, BA, CM	Watershed	Medium	TMDL Approved on 7/27/2001

### 11060003

#### Medicine Lodge

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
5	Barber Co. SFL	Water Supply	Sulfate	LM013101	BA	Lake	Low	
5	Medicine Lodge River Near Kiowa	Aquatic Life	Temperature	SC220	BA	Watershed	Low	
4a	Barber Co. SFL	Aquatic Life	Dissolved Oxygen	LM013101	BA	Lake	Low	TMDL Approved on 11/13/2000
4a	Medicine Lodge River Near Belvidere	Recreation	Fecal Coli	SC588	KW	Watershed	High	TMDL Approved on 8/9/2000
4a	Medicine Lodge River Near Medicine Lodge	Recreation	Fecal Coli	SC589	PR, KW, BA	Watershed	High	TMDL Approved on 8/9/2000
4a	Medicine Lodge River Near Belvidere	Water Supply	Sulfate	SC588	KW	Watershed	Low	TMDL Approved on 9/20/2006
4a	Medicine Lodge River Near Medicine Lodge	Water Supply	Sulfate	SC589	PR, KW, BA	Watershed	Low	TMDL Approved on 9/20/2006

## 2010 303(d) List of All Impaired/Potentially Impaired Waters Lower Arkansas Basin

**11060005**

**Chikaskia**

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
5	Chikaskia River Near Corbin	Recreation	E. coli	SC529	SU	Watershed	Medium	2009 Sampling confirms impairment
5	Chikaskia River Near Corbin	Aquatic Life	Copper	SC529	SU	Watershed	Low	
5	Isabel W.A.	Aquatic Life	Copper	LM014301	PR	Lake	Low	
5	Isabel W.A.	Aquatic Life	Dissolved Oxygen	LM014301	PR	Lake	Low	
5	Chikaskia River Near Corbin	Aquatic Life	Lead	SC529	SU	Watershed	Low	
5	Bluff Creek Near Bluff City	Aquatic Life	Total Phosphorus	SC618	HP	Watershed	Low	median value: 0.2065 > median flag value:0.201
5	Shoofly Creek Near Hunnewell	Aquatic Life	Total Phosphorus	SC663	SU	Watershed	Low	median value: 0.209 > median flag value:0.201
4a	Anthony City Lake	Aquatic Life	Dissolved Oxygen	LM048801	HP	Lake	High	TMDL Approved on 8/3/2007
4a	Anthony City Lake	Aquatic Life	Eutrophication	LM048801	HP	Lake	High	TMDL Approved on 8/3/2007
4a	Isabel W.A.	Aquatic Life	Eutrophication	LM014301	PR	Lake	Low	TMDL Approved on 11/13/2000
4a	Bluff Creek Near Bluff City	Recreation	Fecal Coli	SC618	HP	Watershed	High	TMDL Approved on 8/9/2000
4a	Bluff Creek Near Caldwell	Recreation	Fecal Coli	SC530	HP	Watershed	High	TMDL Approved on 8/9/2000
4a	Fall Creek Near Caldwell	Recreation	Fecal Coli	SC662	SU	Watershed	High	TMDL Approved on 8/9/2000
4a	Anthony City Lake	Aquatic Life	pH	LM048801	HP	Lake	High	TMDL Approved on 8/3/2007
4a	Isabel W.A.	Aquatic Life	pH	LM014301	PR	Lake	Low	TMDL Approved on 11/13/2000

## 2010 303(d) List of All Impaired/Potentially Impaired Waters Lower Arkansas Basin

**11060005  
Chikaskia**

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
4a	Wellington Lake	Aquatic Life	Selenium	LM042201	SU	Lake	Low	TMDL Approved on 11/13/2000
4a	Anthony City Lake	Water Supply	Siltation	LM048801	HP	Lake	High	TMDL Approved on 8/3/2007
4a	Wellington Lake	Water Supply	Siltation	LM042201	SU	Lake	Medium	TMDL Approved on 11/13/2000
3	Sandy Creek	Aquatic Life	Ammonia	NPDES30643	KM	Facility		NPDES Permit-Lagoon Study Pending
3	Sandy Creek	Aquatic Life	Dissolved Oxygen	NPDES30643	KM	Facility		NPDES Permit-Lagoon Study Pending
3	Sandy Creek	Recreation	Fecal Coli	NPDES30643	KM	Facility		NPDES Permit-Lagoon Study Pending
3	Bluff Creek Near Caldwell	Aquatic Life	Lead	SC530	HP	Watershed		

## 2010 303(d) List of All Impaired/Potentially Impaired Waters Marais des Cygnes Basin

10290101

### Upper Marais Des Cygnes

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
5	Salt Creek	Aquatic Life	Ammonia	NPDES24821	OS	Facility	High	Inadequate Wastewater Treatment
5	Salt Creek	Recreation	E. coli	NPDES24821	OS	Facility	High	Inadequate Wastewater Treatment
5	Marais Des Cygnes River Near Quenemo	Aquatic Life	Total Suspended Solids	SC720	OS, CF	Watershed	High	median value: 52 > median flag value:50
5	Cedar Creek Lake	Aquatic Life	Eutrophication	LM040701	AN	Lake	Medium	
5	Cedar Creek Lake	Water Supply	Siltation	LM040701	AN	Lake	Medium	
5	110 Mile Creek Near Scranton	Aquatic Life	Atrazine	SC633	OS, FR	Watershed	Low	Recent Trends Do Not Indicate Concern
5	One Hundred Forty Two Mile Creek Near Reading	Aquatic Life	Atrazine	SC579	LY	Watershed	Low	Recent Trends Do Not Indicate Concern
5	Salt Creek Near Lyndon	Aquatic Life	Atrazine	SC578	OS, FR	Watershed	Low	
5	Switzler Creek Near Burlingame	Aquatic Life	Atrazine	SC687	OS	Watershed	Low	
5	Marais Des Cygnes River Near Ottawa	Aquatic Life	Biology	SC270	DG, FR	Watershed	Low	
5	Ottawa Creek Near Ottawa	Aquatic Life	Copper	SC616	DG, FR	Watershed	Low	
5	Appanoose Creek Near Richter	Aquatic Life	Dissolved Oxygen	SC692	DG, OS, FR	Watershed	Low	
5	Richmond City Lake	Aquatic Life	Dissolved Oxygen	LM046801	FR	Lake	Low	
5	Salt Creek Near Lyndon	Aquatic Life	Dissolved Oxygen	SC578	OS, FR	Watershed	Low	
5	Ottawa Creek Near Ottawa	Aquatic Life	Lead	SC616	DG, FR	Watershed	Low	
5	Westphalia Lake	Water Supply	Siltation	LM066901	AN	Lake	Low	
4c	Pottawatomie Creek Near Osawatomie	Aquatic Life	Biology	SC556	FR, AN	Watershed		Hydrology impaired, SB368

## 2010 303(d) List of All Impaired/Potentially Impaired Waters Marais des Cygnes Basin

10290101

### Upper Marais Des Cygnes

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
4a	Spring Creek Park Lake	Recreation	Aquatic Plants	LM066801	DG	Lake	Low	TMDL Approved on 8/28/2001
4a	110 Mile Creek Near Scranton	Aquatic Life	Dissolved Oxygen	SC633	OS, FR	Watershed	High	TMDL Approved on 8/28/2001
4a	Dragoon Creek Near Burlingame	Aquatic Life	Dissolved Oxygen	SC577	WB, OS	Watershed	High	TMDL Approved on 8/28/2001
4a	Marais Des Cygnes River Near Reading	Aquatic Life	Dissolved Oxygen	SC742	WB, LY	Watershed	High	TMDL Approved on 8/28/2001
4a	One Hundred Forty Two Mile Creek Near Reading	Aquatic Life	Dissolved Oxygen	SC579	LY	Watershed	High	TMDL Approved on 8/28/2001
4a	Ottawa Creek Near Ottawa	Aquatic Life	Dissolved Oxygen	SC616	DG, FR	Watershed	High	TMDL Approved on 8/28/2001
4a	Pottawatomie Creek Near Osawatomie	Aquatic Life	Dissolved Oxygen	SC556	FR, AN	Watershed	High	TMDL Approved on 8/28/2001
4a	Switzler Creek Near Burlingame	Aquatic Life	Dissolved Oxygen	SC687	OS	Watershed	High	TMDL Approved on 8/28/2001
4a	Crystal Lake	Aquatic Life	Eutrophication	LM064901	AN	Lake	Medium	TMDL Approved on 8/28/2001
4a	Lebo City Park Lake	Aquatic Life	Eutrophication	LM065601	CF	Lake	Low	TMDL Approved on 8/28/2001
4a	Osage City Reservoir	Aquatic Life	Eutrophication	LM066101	OS	Lake	Low	TMDL Approved on 8/28/2001
4a	Pomona Lake	Aquatic Life	Eutrophication	LM028001	OS	Lake	High	TMDL Approved on 8/28/2001
4a	Spring Creek Park Lake	Aquatic Life	Eutrophication	LM066801	DG	Lake	Low	TMDL Approved on 8/28/2001
4a	Marais Des Cygnes River Near Ottawa	Recreation	Fecal Coli	SC270	DG, FR	Watershed	High	TMDL Approved on 8/28/2001
4a	Marais Des Cygnes River Near Reading	Recreation	Fecal Coli	SC742	WB, LY	Watershed	High	TMDL Approved on 8/28/2001

## 2010 303(d) List of All Impaired/Potentially Impaired Waters Marais des Cygnes Basin

**10290101**

### Upper Marais Des Cygnes

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
4a	One Hundred Forty Two Mile Creek Near Reading	Recreation	Fecal Coli	SC579	LY	Watershed	High	TMDL Approved on 8/28/2001
4a	Pomona Lake	Water Supply	Siltation	LM028001	OS	Lake	High	TMDL Approved on 8/28/2001
3	Lebo City Lake	Aquatic Life	Copper	LM041201	CF	Lake		No samples since 1993
3	Garnett North Lake	Aquatic Life	Eutrophication	LM040601	AN	Lake		Only 1 sample since 1993
3	Appanoose Creek Near Richter	Aquatic Life	Lead	SC692	DG, OS, FR	Watershed		

## 2010 303(d) List of All Impaired/Potentially Impaired Waters Marais des Cygnes Basin

10290102

### Lower Marais Des Cygnes

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
5	Marais Des Cygnes Near Trading Post	Aquatic Life	Total Suspended Solids	SC745	LN	Watershed	High	median value: 66 > median flag value:50
5	Pleasanton Reservoir	Aquatic Life	Eutrophication	LM044201	LN	Lake	Medium	
5	Spring Hill City Lake	Aquatic Life	Eutrophication	LM073501	JO	Lake	Medium	
5	Marais Des Cygnes W.A.	Water Supply	Arsenic	LM053201	LN	Lake	Low	
5	Marais Des Cygnes Near Trading Post	Aquatic Life	Copper	SC206	MI, LN	Watershed	Low	Bridge work and surrogate station had hits (SC745)
5	Marais Des Cygnes W.A.	Aquatic Life	Copper	LM053201	LN	Lake	Low	
5	Marais Des Cygnes W.A.	Aquatic Life	Lead	LM053201	LN	Lake	Low	
5	Middle Creek Near New Lancaster	Aquatic Life	Zinc	SC697	MI	Watershed	Low	
4a	Mound City Lake	Recreation	Aquatic Plants	LM051401	LN	Lake	Medium	TMDL Approved on 8/28/2001
4a	Edgerton City Lake	Aquatic Life	Atrazine	LM065001	JO	Lake	Medium	TMDL Approved on 8/28/2001
4a	Big Sugar Creek Near Trading Post	Aquatic Life	Dissolved Oxygen	SC558	AN, LN	Watershed	Medium	TMDL Approved on 2/28/2008
4a	Marais Des Cygnes W.A.	Aquatic Life	Dissolved Oxygen	LM053201	LN	Lake	High	TMDL Approved on 8/28/2001
4a	Middle Creek Near New Lancaster	Aquatic Life	Dissolved Oxygen	SC697	MI	Watershed	High	TMDL Approved on 8/28/2001
4a	Mound City Lake	Aquatic Life	Dissolved Oxygen	LM051401	LN	Lake	Medium	TMDL Approved on 8/28/2001
4a	Edgerton City Lake	Aquatic Life	Eutrophication	LM065001	JO	Lake	Medium	TMDL Approved on 8/28/2001
4a	Hillsdale Lake	Aquatic Life	Eutrophication	LM035001	JO, MI	Lake	High	TMDL Approved on 8/28/2001

## 2010 303(d) List of All Impaired/Potentially Impaired Waters Marais des Cygnes Basin

10290102

### Lower Marais Des Cygnes

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
4a	Louisburg SFL	Aquatic Life	Eutrophication	LM043801	MI	Lake	High	TMDL Approved on 2/28/2008
4a	Marais Des Cygnes W.A.	Aquatic Life	Eutrophication	LM053201	LN	Lake	High	TMDL Approved on 8/28/2001
4a	Miami Co. SFL	Aquatic Life	Eutrophication	LM043601	MI	Lake	Medium	TMDL Approved on 8/28/2001
4a	Mound City Lake	Aquatic Life	Eutrophication	LM051401	LN	Lake	Medium	TMDL Approved on 8/28/2001
4a	Marais Des Cygnes W.A.	Aquatic Life	pH	LM053201	LN	Lake	High	TMDL Approved on 8/28/2001
4a	Miami Co. SFL	Aquatic Life	pH	LM043601	MI	Lake	Medium	TMDL Approved on 8/28/2001
4a	Mound City Lake	Aquatic Life	pH	LM051401	LN	Lake	Medium	TMDL Approved on 8/28/2001
4a	Marais Des Cygnes W.A.	Water Supply	Siltation	LM053201	LN	Lake	High	TMDL Approved on 8/28/2001
3	Bull Creek Near Henson	Recreation	E. coli	SC557	MI	Watershed		Small sample size
3	La Cygne Lake	Aquatic Life	Eutrophication	LM044002	MI, LN	Lake		No samples since 1992
3	Louisburg Old Lake	Aquatic Life	Eutrophication	LM065701	MI	Lake		Only 1 sample since 1995
3	Paola City Lake	Aquatic Life	Eutrophication	LM073201	MI	Lake		Only sample in 1994
3	Parker City Lake	Aquatic Life	Eutrophication	LM066301	LN	Lake		Only 1 sample since 1995
3	Pleasanton Lake #1	Aquatic Life	Eutrophication	LM066401	LN	Lake		Only 1 sample since 1995
3	Pleasanton Lake #2	Aquatic Life	Eutrophication	LM066501	LN	Lake		Only 1 sample since 1995
3	Marais Des Cygnes River Near Henson	Aquatic Life	Lead	SC743	FR, MI	Watershed		

## 2010 303(d) List of All Impaired/Potentially Impaired Waters Marais des Cygnes Basin

**10290103**

**Little Osage**

<b>Cat.</b>	<b>Stream/Lake</b>	<b>Impaired Use</b>	<b>Impairment</b>	<b>Station</b>	<b>Counties</b>	<b>Body Type</b>	<b>Priority</b>	<b>Comment</b>
5	Little Osage River Near Fulton	Aquatic Life	Biology	SC207	AN, LN, AL, BB	Watershed	High	SB364
5	Little Osage River Near Fulton	Aquatic Life	Dissolved Oxygen	SC207	AN, LN, AL, BB	Watershed	High	
4a	Prescott City Lake	Aquatic Life	Eutrophication	LM066601	LN	Lake	Low	TMDL Approved on 8/28/2001
4a	Little Osage River Near Fulton	Recreation	Fecal Coli	SC207	AN, LN, AL, BB	Watershed	Medium	TMDL Approved on 8/28/2001

## 2010 303(d) List of All Impaired/Potentially Impaired Waters Marais des Cygnes Basin

10290104

Marmaton

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
5	Rock Creek Lake	Aquatic Life	Dissolved Oxygen	LM045201	BB	Lake	Low	
4a	Marmaton River Near Fort Scott	Aquatic Life	Biology	SC208	BB	Watershed	High	TMDL Approved on 8/28/2001, SB325
4a	Bourbon Co. SFL	Aquatic Life	Dissolved Oxygen	LM013301	BB	Lake	Medium	TMDL Approved on 2/28/2008
4a	Drywood Creek Near Garland	Aquatic Life	Dissolved Oxygen	SC617	BB, CR	Watershed	Low	TMDL Approved on 2/28/2008
4a	Marmaton River Near Fort Scott	Aquatic Life	Dissolved Oxygen	SC208	BB	Watershed	High	TMDL Approved on 8/28/2001
4a	Marmaton River Near Fort Scott	Aquatic Life	Dissolved Oxygen	SC559	AL, BB	Watershed	High	TMDL Approved on 8/28/2001
4a	Bourbon Co. SFL	Aquatic Life	Eutrophication	LM013301	BB	Lake	Medium	TMDL Approved on 2/28/2008
4a	Bronson City Lake	Aquatic Life	Eutrophication	LM046201	BB	Lake	Medium	TMDL Approved on 8/28/2001
4a	Elm Creek Lake	Aquatic Life	Eutrophication	LM044801	BB	Lake	Low	TMDL Approved on 8/28/2001
4a	Lake Crawford State Park #2	Aquatic Life	Eutrophication	LM011101	CR	Lake	High	TMDL Approved on 2/28/2008
4a	Rock Creek Lake	Aquatic Life	Eutrophication	LM045201	BB	Lake	High	TMDL Approved on 2/28/2008
4a	Bourbon Co. SFL	Aquatic Life	pH	LM013301	BB	Lake	Medium	TMDL Approved on 2/28/2008
3	Marmaton River Near Fort Scott	Aquatic Life	Biology	SC559	AL, BB	Watershed		Small sample size
3	Gunn Park East Lake	Aquatic Life	Eutrophication	LM065401	BB	Lake		Only 1 sample since 1990
3	Gunn Park West Lake	Aquatic Life	Eutrophication	LM065501	BB	Lake		Only 1 sample since 1990

## 2010 303(d) List of All Impaired/Potentially Impaired Waters Missouri Basin

**10240005**

**Tarkio-Wolf**

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
5	Wolf River Near Sparks	Aquatic Life	Atrazine	SC201	BR, DP	Watershed	Low	
4a	Brown Co. SFL	Recreation	Aquatic Plants	LM010301	BR	Lake	Medium	TMDL Approved on 8/28/2001
4a	Troy Fair Lake	Recreation	Aquatic Plants	LM073801	DP	Lake	Low	TMDL Approved on 8/28/2001
4a	Hiawatha City Lake	Aquatic Life	Atrazine	LM011601	BR	Lake	Medium	TMDL Approved on 8/28/2001
4a	Wolf River Near Sparks	Aquatic Life	Biology	SC201	BR, DP	Watershed	High	TMDL Approved on 2/28/2008, SB363
4a	Brown Co. SFL	Aquatic Life	Dissolved Oxygen	LM010301	BR	Lake	Medium	TMDL Approved on 8/28/2001
4a	Brown Co. SFL	Aquatic Life	Eutrophication	LM010301	BR	Lake	Medium	TMDL Approved on 8/28/2001
4a	Hiawatha City Lake	Aquatic Life	Eutrophication	LM011601	BR	Lake	Medium	TMDL Approved on 8/28/2001
4a	Troy Fair Lake	Aquatic Life	Eutrophication	LM073801	DP	Lake	Low	TMDL Approved on 8/28/2001
4a	Wolf River Near Sparks	Recreation	Fecal Coli	SC201	BR, DP	Watershed	High	TMDL Approved on 8/28/2001
4a	Brown Co. SFL	Aquatic Life	pH	LM010301	BR	Lake	Medium	TMDL Approved on 8/28/2001

## 2010 303(d) List of All Impaired/Potentially Impaired Waters Missouri Basin

**10240007**

### South Fork Big Nemaha

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
5	South Fork Nemaha River Near Bern	Aquatic Life	Total Phosphorus	SC234	NM, JA	Watershed	Medium	median value: 0.232 > median flag value:0.201
5	Sabetha City Lake	Aquatic Life	Atrazine	LM011501	NM	Lake	Low	
5	South Fork Nemaha River Near Bern	Aquatic Life	Atrazine	SC234	NM, JA	Watershed	Low	
5	Turkey Creek Near Bern	Aquatic Life	Copper	SC601	MS, NM	Watershed	Low	
4a	Turkey Creek Near Bern	Aquatic Life	Atrazine	SC601	MS, NM	Watershed	Medium	TMDL Approved on 2/28/2008
4a	South Fork Nemaha River Near Bern	Aquatic Life	Biology	SC234	NM, JA	Watershed	High	TMDL Approved on 2/28/2008
4a	Sabetha City Lake	Aquatic Life	Eutrophication	LM011501	NM	Lake	Low	TMDL Approved on 8/28/2001
4a	South Fork Nemaha River Near Bern	Recreation	Fecal Coli	SC234	NM, JA	Watershed	High	TMDL Approved on 8/28/2001
4a	Turkey Creek Near Bern	Recreation	Fecal Coli	SC601	MS, NM	Watershed	Low	TMDL Approved on 9/11/2000
4a	South Fork Nemaha River Near Seneca	Aquatic Life	Selenium	SC682	NM, PT	Watershed	Low	TMDL Approved on 8/28/2001

## 2010 303(d) List of All Impaired/Potentially Impaired Waters Missouri Basin

**10240008**

**Big Nemaha**

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
5	Walnut Creek Near Reserve	Aquatic Life	Total Phosphorus	SC292	BR, DP	Watershed	High	median value: 0.27 > median flag value:0.201
5	Walnut Creek Near Reserve	Aquatic Life	Total Suspended Solids	SC292	BR, DP	Watershed	High	median value: 53 > median flag value:50
5	Roys Creek Near Reserve	Aquatic Life	Copper	SC552	BR, DP	Watershed	Low	Several violations
5	Roys Creek Near Reserve	Aquatic Life	Zinc	SC552	BR, DP	Watershed	Low	
4a	Pony Creek Lake	Aquatic Life	Eutrophication	LM073001	BR	Lake	High	TMDL Approved on 2/28/2008
4a	Walnut Creek Near Reserve	Recreation	Fecal Coli	SC292	BR, DP	Watershed	High	TMDL Approved on 8/28/2001

## 2010 303(d) List of All Impaired/Potentially Impaired Waters Missouri Basin

**10240011**

### Independence-Sugar

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
5	Atchison Co. SFL	Aquatic Life	Atrazine	LM012601	AT	Lake	Low	
5	Atchison Co. SFL	Aquatic Life	Copper	LM012601	AT	Lake	Low	
5	Jerry's Lake	Aquatic Life	Eutrophication	LM067801	LV	Lake	Low	
5	Lake Warnock (Atchison City Lake)	Aquatic Life	Eutrophication	LM039801	AT	Lake	Low	
5	Atchison Co. SFL	Aquatic Life	pH	LM012601	AT	Lake	Low	
4a	Atchison Co. SFL	Recreation	Aquatic Plants	LM012601	AT	Lake	Low	TMDL Approved on 8/28/2001
4a	Atchison Co. SFL	Aquatic Life	Dissolved Oxygen	LM012601	AT	Lake	Low	TMDL Approved on 8/28/2001
4a	Atchison Co. SFL	Aquatic Life	Eutrophication	LM012601	AT	Lake	Low	TMDL Approved on 8/28/2001
4a	Big Eleven Lake	Aquatic Life	Eutrophication	LM067101	WY	Lake	Low	TMDL Approved on 8/28/2001
4a	Lansing City Lake	Aquatic Life	Eutrophication	LM067201	LV	Lake	Low	TMDL Approved on 8/28/2001
4a	Wyandotte Co. Lake	Aquatic Life	Eutrophication	LM042401	WY	Lake	High	TMDL Approved on 2/28/2008
4a	Lansing City Lake	Aquatic Life	pH	LM067201	LV	Lake	Low	TMDL Approved on 8/28/2001
4a	Atchison Co. SFL	Water Supply	Siltation	LM012601	AT	Lake	High	TMDL Approved on 2/28/2008
3	Lansing City Lake	Aquatic Life	Copper	LM067201	LV	Lake		Only 1 sample since 1995

## 2010 303(d) List of All Impaired/Potentially Impaired Waters Missouri Basin

**10300101**

### Lower Missouri-Crooked

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
5	Blue River Near Stanley	Aquatic Life	Dissolved Oxygen	SC205	JO	Watershed	High	
5	Indian Creek Near Leawood	Aquatic Life	Total Phosphorus	SC204	JO	Watershed	High	median value: 1.459 > median flag value:0.201
5	Indian Creek Near Leawood	Water Supply	Chloride	SC204	JO	Watershed	Low	
5	Blue River Near Stanley	Food Procurement	Mercury	SC205	JO	Watershed	Low	Fish consumption advisory
4a	Blue River Near Stanley	Aquatic Life	Biology	SC205	JO	Watershed	Medium	TMDL Approved on 8/28/2001
4a	South Lake Park	Aquatic Life	Eutrophication	LM067501	JO	Lake	Low	TMDL Approved on 8/28/2001
4a	Blue River Near Stanley	Recreation	Fecal Coli	SC205	JO	Watershed	Medium	TMDL Approved on 8/28/2001
4a	Indian Creek Near Leawood	Recreation	Fecal Coli	SC204	JO	Watershed	Medium	TMDL Approved on 8/28/2001
4a	Indian Creek Near Leawood	Water Supply	Nitrate	SC204	JO	Watershed	High	TMDL Approved on 2/28/2008
3	Blue River Near Stanley	Aquatic Life	Diazinon	SC205	JO	Watershed	Low	
3	Indian Creek Near Leawood	Aquatic Life	Diazinon	SC204	JO	Watershed	Low	
3	Heritage Park Lake	Aquatic Life	Eutrophication	LM062401	JO	Lake		Only 1 sample since 1995
3	Stohl Park Lake	Aquatic Life	Lead	LM062801	JO	Lake		Only 1 sample since 1995

## 2010 303(d) List of All Impaired/Potentially Impaired Waters Neosho Basin

**11070201**

### Neosho Headwaters

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
5	Neosho River At Neosho Rapids	Aquatic Life	Biology	SC273	LY	Watershed	Low	
5	Munkers Creek Near Council Grove	Aquatic Life	Dissolved Oxygen	SC631	WB, MR, LY	Watershed	Low	
5	Rock Creek Near Dunlap	Aquatic Life	Dissolved Oxygen	SC629	WB, MR, LY	Watershed	Low	
5	Flint Hills N.W.R.	Water Supply	Siltation	LM072401	CF	Lake	Low	
5	Neosho River At Neosho Rapids	Aquatic Life	Total Phosphorus	SC273	LY	Watershed	Low	median value: 0.382 > median flag value:0.201
5	Neosho River Near Parkerville	Aquatic Life	Total Phosphorus	SC637	MR	Watershed	Low	median value: 0.2275 > median flag value:0.201
5	Four Mile Creek Near Council Grove	Aquatic Life	Zinc	SC630	MR	Watershed	Low	
5	Lairds Creek Near Kelso	Aquatic Life	Zinc	SC632	MR	Watershed	Low	
4a	Allen Creek Near Emporia	Aquatic Life	Copper	SC628	LY	Watershed	Low	TMDL Approved on 2/25/2005
4a	Eagle Creek Near Hartford	Aquatic Life	Copper	SC740	LY	Watershed	Low	TMDL Approved on 2/25/2005
4a	Eagle Creek Near Olpe	Aquatic Life	Copper	SC634	LY	Watershed	Low	TMDL Approved on 2/25/2005
4a	Neosho River Near Parkerville	Aquatic Life	Copper	SC637	MR	Watershed	Low	TMDL Approved on 2/25/2005
4a	Allen Creek Near Emporia	Aquatic Life	Dissolved Oxygen	SC628	LY	Watershed	Medium	TMDL Approved on 9/30/2002
4a	Eagle Creek Near Hartford	Aquatic Life	Dissolved Oxygen	SC740	LY	Watershed	High	TMDL Approved on 9/30/2002
4a	Eagle Creek Near Olpe	Aquatic Life	Dissolved Oxygen	SC634	LY	Watershed	High	TMDL Approved on 9/30/2002
4a	Council Grove Lake	Aquatic Life	Eutrophication	LM022001	MR	Lake	High	TMDL Approved on 9/30/2009

## 2010 303(d) List of All Impaired/Potentially Impaired Waters Neosho Basin

**11070201**

### Neosho Headwaters

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
4a	John Redmond Lake	Aquatic Life	Eutrophication	LM026001	LY, CF	Lake	Medium	TMDL Approved on 2/27/2003
4a	Jones Park Lake	Aquatic Life	Eutrophication	LM068701	LY	Lake	Low	TMDL Approved on 1/6/2005
4a	Olpe City Lake	Aquatic Life	Eutrophication	LM041001	LY	Lake	High	TMDL Approved on 1/6/2005
4a	Allen Creek Near Emporia	Recreation	Fecal Coli	SC628	LY	Watershed	Medium	TMDL Approved on 12/13/2002
4a	Neosho River Near Parkerville	Recreation	Fecal Coli	SC637	MR	Watershed	Medium	TMDL Approved on 9/30/2002
4a	Council Grove Lake	Water Supply	Siltation	LM022001	MR	Lake	High	TMDL Approved on 9/30/2002
4a	John Redmond Lake	Water Supply	Siltation	LM026001	LY, CF	Lake	Medium	TMDL Approved on 2/27/2003
4a	Olpe City Lake	Water Supply	Siltation	LM041001	LY	Lake	High	TMDL Approved on 1/6/2005
3	Eagle Creek Near Olpe	Aquatic Life	Atrazine	SC634	LY	Watershed		Recent Trends indicate concern
3	Four Mile Creek Near Council Grove	Aquatic Life	Atrazine	SC630	MR	Watershed		Recent Trends indicate concern
3	Munkers Creek Near Council Grove	Aquatic Life	Copper	SC631	WB, MR, LY	Watershed		

## 2010 303(d) List of All Impaired/Potentially Impaired Waters Neosho Basin

**11070202**

### Upper Cottonwood

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
5	Mud Creek Near Marion	Aquatic Life	Atrazine	SC691	MN	Watershed	Low	
5	Cedar Creek Near Cedar Point	Aquatic Life	Copper	SC583	MN, CS	Watershed	Low	
5	Mud Creek Near Marion	Water Supply	Sulfate	SC691	MN	Watershed	Low	
5	South Cottonwood River Near Canada	Aquatic Life	Total Phosphorus	SC635	MN, CS	Watershed	Low	median value: 0.219 > median flag value:0.201
5	Cedar Creek Near Cedar Point	Aquatic Life	Zinc	SC583	MN, CS	Watershed	Low	
4a	North Cottonwood River Near Durham	Aquatic Life	Copper	SC636	MP, MN, HV	Watershed	Low	TMDL Approved on 2/25/2005
4a	French Creek Near Hillsboro	Aquatic Life	Dissolved Oxygen	SC676	MN	Watershed	Medium	TMDL Approved on 12/13/2002
4a	Marion Co. Lake	Aquatic Life	Dissolved Oxygen	LM012101	MN	Lake	Medium	TMDL Approved on 9/30/2002
4a	Marion Co. Lake	Aquatic Life	Eutrophication	LM012101	MN	Lake	Medium	TMDL Approved on 9/30/2002
4a	Marion Lake	Aquatic Life	Eutrophication	LM020001	MN	Lake	High	TMDL Approved on 9/30/2009
4a	Mud Creek Near Marion	Recreation	Fecal Coli	SC691	MN	Watershed	High	TMDL Approved on 12/13/2002
4a	South Cottonwood River Near Canada	Recreation	Fecal Coli	SC635	MN, CS	Watershed	Medium	TMDL Approved on 12/13/2002
4a	Clear Creek Near Marion	Water Supply	Sulfate	SC690	MR, MN	Watershed	Low	TMDL Approved on 12/13/2002
4a	Doyle Creek Near Florence	Water Supply	Sulfate	SC120	HV	Watershed	Low	TMDL Approved on 12/13/2002
4a	French Creek Near Hillsboro	Water Supply	Sulfate	SC676	MN	Watershed	Low	TMDL Approved on 12/13/2002
4a	South Cottonwood River Near Canada	Water Supply	Sulfate	SC635	MN, CS	Watershed	Low	TMDL Approved on 12/13/2002

## 2010 303(d) List of All Impaired/Potentially Impaired Waters Neosho Basin

**11070202**

**Upper Cottonwood**

<b>Cat.</b>	<b>Stream/Lake</b>	<b>Impaired Use</b>	<b>Impairment</b>	<b>Station</b>	<b>Counties</b>	<b>Body Type</b>	<b>Priority</b>	<b>Comment</b>
3	Doyle Creek	Aquatic Life	Ammonia	NPDES51705	MN	Facility		NPDES Permit-Lagoon Study Pending
3	Clear Creek Near Marion	Aquatic Life	Atrazine	SC690	MR, MN	Watershed		Recent Trends indicate concern
3	Doyle Creek	Aquatic Life	Dissolved Oxygen	NPDES51705	MN	Facility		NPDES Permit-Lagoon Study Pending
3	Doyle Creek	Recreation	Fecal Coli	NPDES51705	MN	Facility		NPDES Permit-Lagoon Study Pending
3	North Cottonwood River Near Durham	Water Supply	Sulfate	SC636	MP, MN, HV	Watershed		

## 2010 303(d) List of All Impaired/Potentially Impaired Waters Neosho Basin

**11070203**

### Lower Cottonwood

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
5	Cottonwood River Near Elmdale	Aquatic Life	Atrazine	SC627	MN, CS	Watershed	Low	
5	Cottonwood River Near Emporia	Aquatic Life	Biology	SC274	LY, CS	Watershed	Low	
5	Bloody Creek Near Saffordville	Water Supply	Sulfate	SC689	CS	Watershed	Low	
5	Cottonwood River Near Emporia	Aquatic Life	Total Phosphorus	SC274	LY, CS	Watershed	Low	median value: 0.559 > median flag value:0.201
5	Cottonwood River Near Plymouth	Aquatic Life	Total Suspended Solids	SC275	CS	Watershed	Low	median value: 51 > median flag value:50
4a	Fox Creek Near Strong City	Aquatic Life	Biology	SC718	CS	Watershed	Medium	TMDL Approved on 1/6/2005
4a	Palmer Creek Near Strong City	Aquatic Life	Biology	SC719	CS	Watershed	Medium	TMDL Approved on 1/6/2005
4a	South Fork Cottonwood River Near Bazaar	Aquatic Life	Biology	SC582	CS	Watershed	Medium	TMDL Approved on 1/6/2005, SB357
4a	Cottonwood River Near Elmdale	Recreation	Fecal Coli	SC627	MN, CS	Watershed	Medium	TMDL Approved on 12/13/2002
4a	Cottonwood River Near Plymouth	Recreation	Fecal Coli	SC275	CS	Watershed	Medium	TMDL Approved on 12/13/2002
4a	Diamond Creek Near Strong City	Recreation	Fecal Coli	SC625	MR, CS	Watershed	Medium	TMDL Approved on 12/13/2002
4a	Cottonwood River Near Elmdale	Water Supply	Sulfate	SC627	MN, CS	Watershed	Low	TMDL Approved on 12/13/2002
4a	Cottonwood River Near Plymouth	Water Supply	Sulfate	SC275	CS	Watershed	Low	TMDL Approved on 12/13/2002
3	Cottonwood River	Recreation	Fecal Coli	NPDES46728	LY	Facility		Disinfection compliance needs improvement

# 2010 303(d) List of All Impaired/Potentially Impaired Waters Neosho Basin

**11070204**

## Upper Neosho

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
5	Long Creek Near Le Roy	Aquatic Life	Atrazine	SC695	CF	Watershed	Low	Last exceedence occurred in most current sample year:2008
5	Turkey Creek Near Le Roy	Aquatic Life	Copper	SC614	CF, WO	Watershed	Low	
5	Big Creek Near Chanute	Aquatic Life	Dissolved Oxygen	SC611	AL, NO	Watershed	Low	
5	Long Creek Near Le Roy	Aquatic Life	Dissolved Oxygen	SC695	CF	Watershed	Low	
5	Neosho River Near Chanute	Aquatic Life	Lead	SC560	CF, AN, WO, AL	Watershed	Low	
5	Owl Creek Near Humboldt	Aquatic Life	Lead	SC610	WO, WL	Watershed	Low	
5	Deer Creek Near lola	Aquatic Life	Zinc	SC609	AN, AL	Watershed	Low	
5	Neosho River Near Chanute	Aquatic Life	Zinc	SC560	CF, AN, WO, AL	Watershed	Low	
5	Owl Creek Near Humboldt	Aquatic Life	Zinc	SC610	WO, WL	Watershed	Low	
4a	Gridley City Lake	Water Supply	Berylium	LM045601	CF	Lake	Low	TMDL Approved on 1/6/2005
4a	Big Creek Near Le Roy	Aquatic Life	Copper	SC615	CF	Watershed	Low	TMDL Approved on 2/25/2005
4a	Neosho River Near Chanute	Aquatic Life	Copper	SC560	CF, AN, WO, AL	Watershed	Low	TMDL Approved on 2/25/2005
4a	Neosho River Near Chanute	Aquatic Life	Copper	SC271	WL, NO	Watershed	Low	TMDL Approved on 2/25/2005
4a	Owl Creek Near Humboldt	Aquatic Life	Copper	SC610	WO, WL	Watershed	Low	TMDL Approved on 2/25/2005
4a	Chanute Santa Fe Lake	Aquatic Life	Dissolved Oxygen	LM044401	NO	Lake	Medium	TMDL Approved on 9/30/2002
4a	Gridley City Lake	Aquatic Life	Dissolved Oxygen	LM045601	CF	Lake	Medium	TMDL Approved on 9/30/2002
4a	Turkey Creek Near Le Roy	Aquatic Life	Dissolved Oxygen	SC614	CF, WO	Watershed	High	TMDL Approved on 9/30/2002

## 2010 303(d) List of All Impaired/Potentially Impaired Waters Neosho Basin

**11070204**

### Upper Neosho

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
4a	Chanute Santa Fe Lake	Aquatic Life	Eutrophication	LM044401	NO	Lake	Medium	TMDL Approved on 9/30/2002
4a	Gridley City Lake	Aquatic Life	Eutrophication	LM045601	CF	Lake	Medium	TMDL Approved on 9/30/2002
4a	Big Creek Near Le Roy	Recreation	Fecal Coli	SC615	CF	Watershed	Medium	TMDL Approved on 12/13/2002
4a	Deer Creek Near Iola	Recreation	Fecal Coli	SC609	AN, AL	Watershed	Medium	TMDL Approved on 12/13/2002
4a	Owl Creek Near Humboldt	Recreation	Fecal Coli	SC610	WO, WL	Watershed	Medium	TMDL Approved on 12/13/2002
4a	Turkey Creek Near Le Roy	Recreation	Fecal Coli	SC614	CF, WO	Watershed	High	TMDL Approved on 12/13/2002
4a	Chanute Santa Fe Lake	Aquatic Life	pH	LM044401	NO	Lake	Medium	TMDL Approved on 9/30/2002
3	Little Turkey Creek	Aquatic Life	Ammonia	NPDES80837	NO	Facility		Evaluate for 2012 303(d) list
3	Owl Creek	Aquatic Life	Ammonia	NPDES97446	WO	Facility		Evaluate for 2012 303(d) list
3	Big Creek Near Chanute	Aquatic Life	Copper	SC611	AL, NO	Watershed		
3	Little Turkey Creek	Recreation	Fecal Coli	NPDES80837	NO	Facility		Evaluate for 2012 303(d) list

## 2010 303(d) List of All Impaired/Potentially Impaired Waters Neosho Basin

**11070205**

### Middle Neosho

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
5	Lightning Creek Near Oswego	Aquatic Life	Atrazine	SC565	CR, CK	Watershed	Low	
5	Canville Creek Near Shaw	Aquatic Life	Copper	SC612	AL, NO	Watershed	Low	
5	Neosho W.A.	Aquatic Life	Copper	LM053401	NO	Lake	Low	
5	Mined Land Lake 19	Aquatic Life	Eutrophication	LM036501	CK	Lake	Low	
5	Mined Land Lake 24	Aquatic Life	Eutrophication	LM037001	CK	Lake	Low	
5	Mined Land Lake 25	Aquatic Life	Eutrophication	LM037101	CK	Lake	Low	
5	Mined Land Lake 26	Aquatic Life	Eutrophication	LM037201	CK	Lake	Low	
5	Mined Land Lake 31	Aquatic Life	Eutrophication	LM037701	CK	Lake	Low	
5	Mined Land Lake 34	Aquatic Life	Eutrophication	LM038001	CK	Lake	Low	
5	Mined Land Lake 35	Aquatic Life	Eutrophication	LM038101	CK	Lake	Low	
5	Mined Land Lake 36	Aquatic Life	Eutrophication	LM038201	CK	Lake	Low	
5	Mined Land Lake 40	Aquatic Life	Eutrophication	LM038601	CK	Lake	Low	
5	Mined Land Lake 41	Aquatic Life	Eutrophication	LM038701	CK	Lake	Low	
5	Parsons Lake	Aquatic Life	Lead	LM041401	NO	Lake	Low	
5	Mined Land Lake 22	Food Procurement	Perchlorate	LM036801	CK	Lake	Low	Fish consumption advisory
5	Mined Land Lake WA	Water Supply	Siltation	LM038841	CK	Lake	Low	
5	Cherry Creek Near Faulkner	Water Supply	Sulfate	SC605	CK	Watershed	Low	
5	Lightning Creek Near Oswego	Aquatic Life	Temperature	SC565	CR, CK	Watershed	Low	
5	Labette Creek Near Labette	Aquatic Life	Total Phosphorus	SC564	NO, LB	Watershed	Low	median value: 0.3015 > median flag value:0.201
4a	Flat Rock Creek Near St. Paul	Aquatic Life	Copper	SC613	BB, NO, CR	Watershed	Low	TMDL Approved on 2/25/2005

## 2010 303(d) List of All Impaired/Potentially Impaired Waters Neosho Basin

**11070205**

### Middle Neosho

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
4a	Bachelor Creek Near Labette	Aquatic Life	Dissolved Oxygen	SC698	LB	Watershed	High	TMDL Approved on 2/25/2005
4a	Canville Creek Near Shaw	Aquatic Life	Dissolved Oxygen	SC612	AL, NO	Watershed	Medium	TMDL Approved on 9/30/2002
4a	Cherry Creek Near Faulkner	Aquatic Life	Dissolved Oxygen	SC605	CK	Watershed	High	TMDL Approved on 9/30/2002
4a	Labette Creek Near Chetopa	Aquatic Life	Dissolved Oxygen	SC571	LB	Watershed	High	TMDL Approved on 9/30/2002
4a	Labette Creek Near Labette	Aquatic Life	Dissolved Oxygen	SC564	NO, LB	Watershed	High	TMDL Approved on 9/30/2002
4a	Mined Land Lake WA	Aquatic Life	Dissolved Oxygen	LM038841	CK	Lake	Low	TMDL Approved on 9/30/2002
4a	Neosho Co. SFL	Aquatic Life	Dissolved Oxygen	LM044601	NO	Lake	Medium	TMDL Approved on 9/30/2002
4a	Altamont City Main Lake (#1)	Aquatic Life	Eutrophication	LM068001	LB	Lake	Low	TMDL Approved on 9/30/2002
4a	Altamont City West Lake (#3)	Aquatic Life	Eutrophication	LM068201	LB	Lake	Low	TMDL Approved on 9/30/2002
4a	Bartlett City Lake	Aquatic Life	Eutrophication	LM045401	LB	Lake	Low	TMDL Approved on 9/30/2002
4a	Neosho Co. SFL	Aquatic Life	Eutrophication	LM044601	NO	Lake	Medium	TMDL Approved on 9/30/2002
4a	Neosho W.A.	Aquatic Life	Eutrophication	LM053401	NO	Lake	Medium	TMDL Approved on 9/30/2002
4a	Parsons Lake	Aquatic Life	Eutrophication	LM041401	NO	Lake	Medium	TMDL Approved on 9/30/2002
4a	Neosho W.A.	Aquatic Life	Lead	LM053401	NO	Lake	Medium	TMDL Approved on 1/6/2005
4a	Neosho Co. SFL	Aquatic Life	pH	LM044601	NO	Lake	Medium	TMDL Approved on 9/30/2002

## 2010 303(d) List of All Impaired/Potentially Impaired Waters Neosho Basin

**11070205**

### Middle Neosho

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
4a	Neosho W.A.	Aquatic Life	pH	LM053401	NO	Lake	Medium	TMDL Approved on 9/30/2002
4a	Neosho W.A.	Water Supply	Siltation	LM053401	NO	Lake	Medium	TMDL Approved on 9/30/2002
4a	Parsons Lake	Water Supply	Siltation	LM041401	NO	Lake	Medium	TMDL Approved on 9/30/2002
4a	Mined Land Lake WA	Water Supply	Sulfate	LM038841	CK	Lake	Low	TMDL Approved on 1/6/2005
4a	Mined Land Lake 12	Water Supply	Sulfate	LM035901	CK	Lake	Low	TMDL Approved on 1/6/2005
4a	Mined Land Lake 17	Water Supply	Sulfate	LM048201	CK	Lake	Low	TMDL Approved on 1/6/2005
4a	Mined Land Lake 22	Water Supply	Sulfate	LM036801	CK	Lake	Low	TMDL Approved on 1/6/2005
4a	Mined Land Lake 23	Water Supply	Sulfate	LM036901	CK	Lake	Low	TMDL Approved on 1/6/2005
4a	Mined Land Lake 27	Water Supply	Sulfate	LM037301	CK	Lake	Low	TMDL Approved on 1/6/2005
4a	Mined Land Lake 30	Water Supply	Sulfate	LM037601	CK	Lake	Low	TMDL Approved on 1/6/2005
4a	Mined Land Lake 44	Water Supply	Sulfate	LM048401	CK	Lake	Low	TMDL Approved on 1/6/2005
3	Cherry Creek Near Faulkner	Aquatic Life	Atrazine	SC605	CK	Watershed	Low	Last exceedence occurred in most current sample year:2008
3	Labette Creek Near Labette	Aquatic Life	Diazinon	SC564	NO, LB	Watershed	Low	

## 2010 303(d) List of All Impaired/Potentially Impaired Waters Neosho Basin

**11070206**

### Lake O' The Cherokees

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
4a	Tar Creek At Pitcher, Oklahoma	Aquatic Life	Cadmium	SC110	CK	Watershed	Medium	TMDL Approved on 2/25/2005
4a	Tar Creek At Pitcher, Oklahoma	Aquatic Life	Lead	SC110	CK	Watershed	Medium	TMDL Approved on 2/25/2005
4a	Tar Creek At Pitcher, Oklahoma	Aquatic Life	Zinc	SC110	CK	Watershed	Medium	TMDL Approved on 2/25/2005

## 2010 303(d) List of All Impaired/Potentially Impaired Waters Neosho Basin

**11070207**

**Spring**

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
5	Turkey Creek Near Joplin, Missouri	Aquatic Life	Dissolved Oxygen	SC211	MISSOURI	Watershed	Low	
5	Mined Land Lake 01	Aquatic Life	Eutrophication	LM035101	CR	Lake	Low	
5	Mined Land Lake 06	Aquatic Life	Eutrophication	LM047601	CR	Lake	Low	
5	Short Creek Near Galena	Water Supply	Fluoride	SC570	CK	Watershed	Low	
5	Short Creek Near Galena	Aquatic Life	Selenium	SC570	CK	Watershed	Low	
5	Cow Creek Near Lawton	Aquatic Life	Total Phosphorus	SC567	CR, CK	Watershed	Low	median value: 0.304 > median flag value:0.201
5	Shoal Creek Near Galena	Aquatic Life	Total Phosphorus	SC212	CK	Watershed	Low	median value: 0.31 > median flag value:0.201
5	Short Creek Near Galena	Aquatic Life	Total Phosphorus	SC570	CK	Watershed	Low	median value: 0.3495 > median flag value:0.201
5	Turkey Creek Near Joplin, Missouri	Aquatic Life	Total Phosphorus	SC211	MISSOURI	Watershed	Low	median value: 0.77 > median flag value:0.201
4a	Spring River Near Baxter Springs	Aquatic Life	Biology	SC213	CK	Watershed	High	TMDL Approved on 6/24/2005
4a	Spring River Near Crestline	Aquatic Life	Biology	SC568	CK	Watershed	High	TMDL Approved on 6/24/2005
4a	Shawnee Creek Near Crestline	Aquatic Life	Cadmium	SC569	CK	Watershed	High	TMDL Approved on 6/24/2005
4a	Short Creek Near Galena	Aquatic Life	Cadmium	SC570	CK	Watershed	High	TMDL Approved on 6/24/2005
4a	Turkey Creek Near Joplin, Missouri	Aquatic Life	Cadmium	SC211	MISSOURI	Watershed	High	TMDL Approved on 6/24/2005

## 2010 303(d) List of All Impaired/Potentially Impaired Waters Neosho Basin

**11070207**

**Spring**

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
4a	Shawnee Creek Near Crestline	Aquatic Life	Copper	SC569	CK	Watershed	High	TMDL Approved on 6/24/2005
4a	Short Creek Near Galena	Aquatic Life	Copper	SC570	CK	Watershed	High	TMDL Approved on 6/24/2005
4a	Spring River Near Baxter Springs	Aquatic Life	Copper	SC213	CK	Watershed	High	TMDL Approved on 6/24/2005
4a	Spring River Near Crestline	Aquatic Life	Copper	SC568	CK	Watershed	High	TMDL Approved on 6/24/2005
4a	Turkey Creek Near Joplin, Missouri	Aquatic Life	Copper	SC211	MISSOURI	Watershed	High	TMDL Approved on 6/24/2005
4a	Shawnee Creek Near Crestline	Aquatic Life	Dissolved Oxygen	SC569	CK	Watershed	High	TMDL Approved on 9/30/2002
4a	Pittsburg College Lake	Aquatic Life	Eutrophication	LM073301	CR	Lake	Low	TMDL Approved on 9/30/2002
4a	Playter's Lake	Aquatic Life	Eutrophication	LM069001	CR	Lake	Low	TMDL Approved on 1/6/2005
4a	Shawnee Creek Near Crestline	Aquatic Life	Lead	SC569	CK	Watershed	High	TMDL Approved on 6/24/2005
4a	Shoal Creek Near Galena	Aquatic Life	Lead	SC212	CK	Watershed	High	TMDL Approved on 6/24/2005
4a	Short Creek Near Galena	Aquatic Life	Lead	SC570	CK	Watershed	High	TMDL Approved on 6/24/2005
4a	Spring River Near Baxter Springs	Aquatic Life	Lead	SC213	CK	Watershed	High	TMDL Approved on 6/24/2005
4a	Spring River Near Crestline	Aquatic Life	Lead	SC568	CK	Watershed	High	TMDL Approved on 6/24/2005
4a	Turkey Creek Near Joplin, Missouri	Aquatic Life	Lead	SC211	MISSOURI	Watershed	High	TMDL Approved on 6/24/2005
4a	Pittsburg College Lake	Aquatic Life	pH	LM073301	CR	Lake	Low	TMDL Approved on 9/30/2002

## 2010 303(d) List of All Impaired/Potentially Impaired Waters Neosho Basin

**11070207**

**Spring**

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
4a	Cow Creek Near Lawton	Water Supply	Sulfate	SC567	CR, CK	Watershed	Low	TMDL Approved on 2/25/2005
4a	Mined Land Lake 06	Water Supply	Sulfate	LM047601	CR	Lake	Low	TMDL Approved on 1/6/2005
4a	Mined Land Lake 07	Water Supply	Sulfate	LM047801	CR	Lake	Low	TMDL Approved on 1/6/2005
4a	Shawnee Creek Near Crestline	Aquatic Life	Zinc	SC569	CK	Watershed	High	TMDL Approved on 6/24/2005
4a	Shoal Creek Near Galena	Aquatic Life	Zinc	SC212	CK	Watershed	High	TMDL Approved on 6/24/2005
4a	Short Creek Near Galena	Aquatic Life	Zinc	SC570	CK	Watershed	High	TMDL Approved on 6/24/2005
4a	Spring River Near Baxter Springs	Aquatic Life	Zinc	SC213	CK	Watershed	High	TMDL Approved on 6/24/2005
4a	Spring River Near Crestline	Aquatic Life	Zinc	SC568	CK	Watershed	High	TMDL Approved on 6/24/2005
4a	Turkey Creek Near Joplin, Missouri	Aquatic Life	Zinc	SC211	MISSOURI	Watershed	High	TMDL Approved on 6/24/2005

## 2010 303(d) List of All Impaired/Potentially Impaired Waters Solomon Basin

**10260011**

### Upper North Fork Solomon

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
5	North Fork Solomon River Near Glade	Water Supply	Arsenic	SC546	PL, NT, TH, SD	Watershed	Low	
5	Bow Creek Near Stockton	Water Supply	Sulfate	SC545	PL, RO, SD, GH	Watershed	Low	
5	Bow Creek Near Stockton	Aquatic Life	Total Phosphorus	SC545	PL, RO, SD, GH	Watershed	Low	median value: 0.24 > median flag value:0.201
5	North Fork Solomon River Near Glade	Aquatic Life	Total Phosphorus	SC546	PL, NT, TH, SD	Watershed	Low	median value: 0.214 > median flag value:0.201
5	Bow Creek Near Stockton	Aquatic Life	Total Suspended Solids	SC545	PL, RO, SD, GH	Watershed	Low	
5	North Fork Solomon River Near Glade	Aquatic Life	Total Suspended Solids	SC546	PL, NT, TH, SD	Watershed	Low	
4a	Kirwin Lake	Aquatic Life	Dissolved Oxygen	LM011001	PL, RO	Lake	Medium	TMDL Approved on 9/30/2003
4a	Kirwin Lake	Aquatic Life	Eutrophication	LM011001	PL, RO	Lake	Medium	TMDL Approved on 9/30/2003
4a	Logan City Lake	Aquatic Life	Eutrophication	LM069301	PL	Lake	Low	TMDL Approved on 9/30/2003
4a	Bow Creek Near Stockton	Aquatic Life	Selenium	SC545	PL, RO, SD, GH	Watershed	Low	TMDL Approved on 1/21/2004
4a	North Fork Solomon River Near Glade	Aquatic Life	Selenium	SC546	PL, NT, TH, SD	Watershed	Low	TMDL Approved on 1/21/2004
4a	North Fork Solomon River Near Glade	Water Supply	Sulfate	SC546	PL, NT, TH, SD	Watershed	Low	TMDL Approved on 1/21/2004
3	Kirwin Lake	Water Supply	Arsenic	LM011001	PL, RO	Lake		Small sample size

## 2010 303(d) List of All Impaired/Potentially Impaired Waters Solomon Basin

**10260012**

### Lower North Fork Solomon

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
5	Beaver Creek Near Gaylord	Water Supply	Arsenic	SC670	SM	Watershed	Low	
5	Deer Creek Near Kirwin	Water Supply	Arsenic	SC721	PL	Watershed	Low	
5	North Fork Solomon River At Portis	Water Supply	Arsenic	SC014	SM, PL	Watershed	Low	
5	North Fork Solomon River At Portis	Aquatic Life	Biology	SC014	SM, PL	Watershed	Low	
5	Beaver Creek Near Gaylord	Aquatic Life	Dissolved Oxygen	SC670	SM	Watershed	Low	
5	Deer Creek Near Kirwin	Aquatic Life	Dissolved Oxygen	SC721	PL	Watershed	Low	
5	Oak Creek Near Cawker City	Aquatic Life	Dissolved Oxygen	SC544	JW, SM	Watershed	Low	
5	North Fork Solomon River At Portis	Recreation	E. coli	SC014	SM, PL	Watershed	Low	GeoMean Exceedence
5	Beaver Creek Near Gaylord	Aquatic Life	Total Phosphorus	SC670	SM	Watershed	Low	median value: 0.332 > median flag value:0.201
5	Deer Creek Near Kirwin	Aquatic Life	Total Phosphorus	SC721	PL	Watershed	Low	median value: 0.511 > median flag value:0.201
5	North Fork Solomon River At Portis	Aquatic Life	Total Phosphorus	SC014	SM, PL	Watershed	Low	median value: 0.261 > median flag value:0.201
5	Oak Creek Near Cawker City	Aquatic Life	Total Phosphorus	SC544	JW, SM	Watershed	Low	median value: 0.213 > median flag value:0.201
5	Twelve Mile Creek Near Downs	Aquatic Life	Total Phosphorus	SC674	SM, OB	Watershed	Low	median value: 0.241 > median flag value:0.201
5	Beaver Creek Near Gaylord	Aquatic Life	Total Suspended Solids	SC670	SM	Watershed	Low	
5	North Fork Solomon River At Portis	Aquatic Life	Total Suspended Solids	SC014	SM, PL	Watershed	Low	

## 2010 303(d) List of All Impaired/Potentially Impaired Waters Solomon Basin

**10260012**

### Lower North Fork Solomon

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
5	Twelve Mile Creek Near Downs	Aquatic Life	Total Suspended Solids	SC674	SM, OB	Watershed	Low	
4a	Beaver Creek Near Gaylord	Aquatic Life	Selenium	SC670	SM	Watershed	Low	TMDL Approved on 1/21/2004
4a	Deer Creek Near Kirwin	Aquatic Life	Selenium	SC721	PL	Watershed	Low	TMDL Approved on 1/21/2004
4a	North Fork Solomon River At Portis	Aquatic Life	Selenium	SC014	SM, PL	Watershed	Low	TMDL Approved on 1/21/2004
4a	Oak Creek Near Cawker City	Aquatic Life	Selenium	SC544	JW, SM	Watershed	Low	TMDL Approved on 1/21/2004
4a	Beaver Creek Near Gaylord	Water Supply	Sulfate	SC670	SM	Watershed	Low	TMDL Approved on 1/21/2004
4a	Deer Creek Near Kirwin	Water Supply	Sulfate	SC721	PL	Watershed	Low	TMDL Approved on 1/21/2004
4a	North Fork Solomon River At Portis	Water Supply	Sulfate	SC014	SM, PL	Watershed	Low	TMDL Approved on 1/21/2004
4a	Oak Creek Near Cawker City	Water Supply	Sulfate	SC544	JW, SM	Watershed	Low	TMDL Approved on 1/21/2004
4a	Twelve Mile Creek Near Downs	Water Supply	Sulfate	SC674	SM, OB	Lake	Low	TMDL Approved on 1/21/2004

## 2010 303(d) List of All Impaired/Potentially Impaired Waters Solomon Basin

**10260013**

### Upper South Fork Solomon

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
5	Sheridan Co. SFL	Water Supply	Arsenic	LM069401	SD	Lake	Low	
5	Webster Lake	Water Supply	Siltation	LM012001	RO	Lake	Low	
4a	Sheridan Co. SFL	Aquatic Life	Dissolved Oxygen	LM069401	SD	Lake	Medium	TMDL Approved on 9/30/2003
4a	Sheridan Co. SFL	Aquatic Life	Eutrophication	LM069401	SD	Lake	Medium	TMDL Approved on 9/30/2003
4a	Webster Lake	Aquatic Life	Eutrophication	LM012001	RO	Lake	Medium	TMDL Approved on 9/30/2003
4a	South Fork Solomon River Near Damar	Aquatic Life	Selenium	SC547	TH, SD, GH	Watershed	Low	TMDL Approved on 1/21/2004
4a	South Fork Solomon River Near Damar	Water Supply	Sulfate	SC547	TH, SD, GH	Watershed	Low	TMDL Approved on 1/21/2004
4a	Webster Lake	Water Supply	Sulfate	LM012001	RO	Lake	Low	TMDL Approved on 1/21/2004
3	Webster Lake	Water Supply	Arsenic	LM012001	RO	Lake		2006 only recent impaired year, 2009 data indicates adequate water quality.
3	Webster Lake	Water Supply	Chloride	LM012001	RO	Lake		2006 only impaired year, 2009 data indicates adequate water quality.
3	Webster Lake	Aquatic Life	Selenium	LM012001	RO	Lake		2006 only recent impaired year, 2009 data indicates adequate water quality.

## 2010 303(d) List of All Impaired/Potentially Impaired Waters Solomon Basin

**10260014**

### Lower South Fork Solomon

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
5	South Fork Solomon River Near Woodston	Aquatic Life	Dissolved Oxygen	SC737	RO	Watershed	Low	
5	South Fork Solomon River Near Osborne	Recreation	E. coli	SC543	OB	Watershed	Low	GeoMean Exceedence
5	South Fork Solomon River Near Osborne	Recreation	E. coli	SC542	OB, RO, RS	Watershed	Low	GeoMean Exceedence
5	Carr Creek Near Cawker City	Aquatic Life	Total Phosphorus	SC669	OB, MC	Watershed	Low	median value: 0.234 > median flag value:0.201
5	South Fork Solomon River Near Osborne	Aquatic Life	Total Phosphorus	SC543	OB	Watershed	Low	median value: 0.204 > median flag value:0.201
5	Carr Creek Near Cawker City	Aquatic Life	Total Suspended Solids	SC669	OB, MC	Watershed	Low	median value: 76 > median flag value:50
5	South Fork Solomon River Near Osborne	Aquatic Life	Total Suspended Solids	SC543	OB	Watershed	Low	median value: 59 > median flag value:50
4a	South Fork Solomon River Near Osborne	Aquatic Life	Biology	SC542	OB, RO, RS	Watershed	Medium	TMDL Approved on 1/21/2004, SB543
4a	South Fork Solomon River Near Osborne	Aquatic Life	Biology	SC543	OB	Watershed	Medium	TMDL Approved on 1/21/2004
4a	Rooks Co. SFL	Aquatic Life	Dissolved Oxygen	LM011901	RO	Lake	Medium	TMDL Approved on 9/30/2003
4a	Twin Creek Near Corinth	Aquatic Life	Dissolved Oxygen	SC668	OB	Watershed	Medium	TMDL Approved on 1/21/2004
4a	Rooks Co. SFL	Aquatic Life	Eutrophication	LM011901	RO	Lake	Medium	TMDL Approved on 9/30/2003
4a	Carr Creek Near Cawker City	Aquatic Life	Selenium	SC669	OB, MC	Watershed	Low	TMDL Approved on 1/21/2004

## 2010 303(d) List of All Impaired/Potentially Impaired Waters Solomon Basin

**10260014**

### Lower South Fork Solomon

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
4a	Covert Creek Near Osborne	Aquatic Life	Selenium	SC666	OB	Watershed	Low	TMDL Approved on 1/21/2004
4a	Kill Creek Near Bloomington	Aquatic Life	Selenium	SC665	OB	Watershed	Low	TMDL Approved on 1/21/2004
4a	South Fork Solomon River Near Osborne	Aquatic Life	Selenium	SC542	OB, RO, RS	Watershed	Low	TMDL Approved on 1/21/2004
4a	South Fork Solomon River Near Osborne	Aquatic Life	Selenium	SC543	OB	Watershed	Low	TMDL Approved on 1/21/2004
4a	South Fork Solomon River Near Woodston	Aquatic Life	Selenium	SC737	RO	Watershed	Low	TMDL Approved on 1/21/2004
4a	Twin Creek Near Corinth	Aquatic Life	Selenium	SC668	OB	Watershed	Low	TMDL Approved on 1/21/2004
4a	Carr Creek Near Cawker City	Water Supply	Sulfate	SC669	OB, MC	Watershed	Low	TMDL Approved on 1/21/2004
4a	Covert Creek Near Osborne	Water Supply	Sulfate	SC666	OB	Watershed	Low	TMDL Approved on 1/21/2004
4a	Kill Creek Near Bloomington	Water Supply	Sulfate	SC665	OB	Watershed	Low	TMDL Approved on 1/21/2004
4a	South Fork Solomon River Near Osborne	Water Supply	Sulfate	SC542	OB, RO, RS	Watershed	Low	TMDL Approved on 1/21/2004
4a	South Fork Solomon River Near Osborne	Water Supply	Sulfate	SC543	OB	Watershed	Low	TMDL Approved on 1/21/2004
4a	South Fork Solomon River Near Woodston	Water Supply	Sulfate	SC737	RO	Lake	Low	TMDL Approved on 1/21/2004
4a	Twin Creek Near Corinth	Water Supply	Sulfate	SC668	OB	Watershed	Low	TMDL Approved on 1/21/2004

## 2010 303(d) List of All Impaired/Potentially Impaired Waters Solomon Basin

**10260015**

**Solomon River**

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
5	Solomon River At Niles	Aquatic Life	Biology	SC266	CD, OT, SA	Watershed	Low	
5	Pipe Creek Near Minneapolis	Aquatic Life	Copper	SC651	CD, OT, SA	Watershed	Low	
5	Pipe Creek Near Minneapolis	Aquatic Life	Dissolved Oxygen	SC651	CD, OT, SA	Watershed	Low	
5	Salt Creek Near Minneapolis	Aquatic Life	Dissolved Oxygen	SC512	MC, OT, LC	Watershed	Low	
5	Jewell Co. SFL	Aquatic Life	Eutrophication	LM012801	JW	Lake	Low	
5	Solomon River Near Glasco	Aquatic Life	Selenium	SC511	JW, CD, MC	Watershed	Low	Last exceedence occurred in most current sample year:2009
5	Jewell Co. SFL	Water Supply	Siltation	LM012801	JW	Lake	Low	
5	Limestone Creek Near Glen Elder	Aquatic Life	Total Phosphorus	SC667	JW	Watershed	Low	median value: 0.335 > median flag value:0.201
5	Salt Creek Near Minneapolis	Aquatic Life	Total Phosphorus	SC512	MC, OT, LC	Watershed	Low	median value: 0.3505 > median flag value:0.201
5	Solomon River At Niles	Aquatic Life	Total Phosphorus	SC266	CD, OT, SA	Watershed	Low	median value: 0.308 > median flag value:0.201
5	Solomon River Near Glasco	Aquatic Life	Total Phosphorus	SC511	JW, CD, MC	Watershed	Low	
5	Limestone Creek Near Glen Elder	Aquatic Life	Total Suspended Solids	SC667	JW	Watershed	Low	
5	Salt Creek Near Minneapolis	Aquatic Life	Total Suspended Solids	SC512	MC, OT, LC	Watershed	Low	median value: 81 > median flag value:50
5	Solomon River At Niles	Aquatic Life	Total Suspended Solids	SC266	CD, OT, SA	Watershed	Low	median value: 106 > median flag value:50

## 2010 303(d) List of All Impaired/Potentially Impaired Waters Solomon Basin

**10260015**

### Solomon River

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
5	Solomon River Near Glasco	Aquatic Life	Total Suspended Solids	SC511	JW, CD, MC	Watershed	Low	median value: 63 > median flag value:50
5	Pipe Creek Near Minneapolis	Aquatic Life	Zinc	SC651	CD, OT, SA	Watershed	Low	
4a	Ottawa Co. SFL	Recreation	Aquatic Plants	LM014101	OT	Lake	Medium	TMDL Approved on 9/30/2003
4a	Salt Creek Near Minneapolis	Water Supply	Chloride	SC512	MC, OT, LC	Watershed	Low	TMDL Approved on 1/21/2004
4a	Solomon River At Niles	Water Supply	Chloride	SC266	CD, OT, SA	Watershed	Low	TMDL Approved on 1/21/2004
4a	Solomon River Near Glasco	Water Supply	Chloride	SC511	JW, CD, MC	Watershed	Low	TMDL Approved on 1/21/2004
4a	Limestone Creek Near Glen Elder	Aquatic Life	Dissolved Oxygen	SC667	JW	Watershed	High	TMDL Approved on 8/7/2003
4a	Ottawa Co. SFL	Aquatic Life	Dissolved Oxygen	LM014101	OT	Lake	Medium	TMDL Approved on 9/30/2003
4a	Ottawa Co. SFL	Aquatic Life	Eutrophication	LM014101	OT	Lake	Medium	TMDL Approved on 9/30/2003
4a	Waconda Lake	Aquatic Life	Eutrophication	LM018001	OB, MC	Lake	Medium	TMDL Approved on 9/30/2003
4a	Limestone Creek Near Glen Elder	Aquatic Life	Selenium	SC667	JW	Watershed	Low	TMDL Approved on 1/21/2004
4a	Limestone Creek Near Glen Elder	Water Supply	Sulfate	SC667	JW	Watershed	Low	TMDL Approved on 1/21/2004
4a	Salt Creek Near Minneapolis	Water Supply	Sulfate	SC512	MC, OT, LC	Watershed	Low	TMDL Approved on 1/21/2004
4a	Solomon River At Niles	Water Supply	Sulfate	SC266	CD, OT, SA	Watershed	Low	TMDL Approved on 1/21/2004
4a	Solomon River Near Glasco	Water Supply	Sulfate	SC511	JW, CD, MC	Watershed	Low	TMDL Approved on 1/21/2004

## 2010 303(d) List of All Impaired/Potentially Impaired Waters Solomon Basin

**10260015**

**Solomon River**

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
4a	Waconda Lake	Water Supply	Sulfate	LM018001	OB, MC	Lake	Low	TMDL Approved on 1/21/2004
3	Limestone Creek Near Glen Elder	Aquatic Life	Atrazine	SC667	JW	Watershed		Recent Trends indicate concern
3	Solomon River at Beloit	Aquatic Life	Atrazine	PWS2012301	MC	Watershed		Needs increased collection frequency

## 2010 303(d) List of All Impaired/Potentially Impaired Waters Smoky Hill- Saline Basin

### 10260001

#### Smoky Hill Headwaters

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
5	Willow Creek Near Weskan	Aquatic Life	Dissolved Oxygen	SC724	WA	Watershed	Low	
5	Willow Creek Near Weskan	Water Supply	Fluoride	SC724	WA	Watershed	Low	

### 10260002

#### North Fork Smoky Hill

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
4a	Smoky Hill Garden Lake	Aquatic Life	Eutrophication	LM070101	SH	Lake	Low	TMDL Approved on 9/30/2003
3	Smoky Hill Garden Lake	Water Supply	Fluoride	LM070101	SH	Lake		Small sample size

## 2010 303(d) List of All Impaired/Potentially Impaired Waters Smoky Hill- Saline Basin

**10260003**

### Upper Smoky Hill

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
5	Smoky Hill River Near Trego	Recreation	E. coli	SC550	LG, GO, TR	Watershed	Low	GeoMean Exceedence
5	Smoky Hill River Near Gove	Water Supply	Fluoride	SC739	LG, GO, SC, LE	Watershed	Low	
5	Smoky Hill River At Elkader	Aquatic Life	Total Suspended Solids	SC224	LG, WA, WH	Watershed	Low	median value: 76 > median flag value:50
4a	Smoky Hill River Near Gove	Aquatic Life	Dissolved Oxygen	SC739	LG, GO, SC, LE	Watershed	Medium	TMDL Approved on 11/15/2004
4a	Smoky Hill River Near Trego	Aquatic Life	Dissolved Oxygen	SC550	LG, GO, TR	Watershed	Medium	TMDL Approved on 11/15/2004
4a	Cedar Bluff Lake	Aquatic Life	Eutrophication	LM013001	TR, NS	Lake	Medium	TMDL Approved on 9/30/2003
4a	Smoky Hill River At Elkader	Water Supply	Fluoride	SC224	LG, WA, WH	Watershed	Low	TMDL Approved on 11/15/2004
4a	Smoky Hill River At Elkader	Aquatic Life	Selenium	SC224	LG, WA, WH	Watershed	Low	TMDL Approved on 11/15/2004
4a	Smoky Hill River Near Gove	Aquatic Life	Selenium	SC739	LG, GO, SC, LE	Watershed	Low	TMDL Approved on 11/15/2004
4a	Smoky Hill River Near Trego	Aquatic Life	Selenium	SC550	LG, GO, TR	Watershed	Low	TMDL Approved on 11/15/2004
4a	Cedar Bluff Lake	Water Supply	Sulfate	LM013001	TR, NS	Lake	Low	TMDL Approved on 3/3/2004
4a	Smoky Hill River At Elkader	Water Supply	Sulfate	SC224	LG, WA, WH	Watershed	Low	TMDL Approved on 3/3/2004
4a	Smoky Hill River Near Gove	Water Supply	Sulfate	SC739	LG, GO, SC, LE	Lake	Low	TMDL Approved on 3/3/2004
4a	Smoky Hill River Near Trego	Water Supply	Sulfate	SC550	LG, GO, TR	Watershed	Low	TMDL Approved on 3/3/2004

## 2010 303(d) List of All Impaired/Potentially Impaired Waters Smoky Hill- Saline Basin

**10260004**

**Ladder Creek**

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
5	Lake Scott State Park	Water Supply	Arsenic	LM011201	SC	Lake	Low	
5	Lake Scott State Park	Water Supply	Fluoride	LM011201	SC	Lake	Low	
4a	Lake Scott State Park	Recreation	Aquatic Plants	LM011201	SC	Lake	High	TMDL Approved on 8/7/2003
4a	Lake Scott State Park	Aquatic Life	Eutrophication	LM011201	SC	Lake	High	TMDL Approved on 8/7/2003
4a	Lake Scott State Park	Aquatic Life	pH	LM011201	SC	Lake	High	TMDL Approved on 8/7/2003

## 2010 303(d) List of All Impaired/Potentially Impaired Waters Smoky Hill- Saline Basin

**10260006**

### Middle Smoky Hill

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
5	Fossil Creek Near Russell	Water Supply	Arsenic	SC713	RS	Watershed	Low	Last exceedence occurred in most current sample year:2006
5	Smoky Hill River At Ellsworth	Aquatic Life	Biology	SC269	EW	Watershed	Low	
5	Coal Creek Near Wilson	Aquatic Life	Dissolved Oxygen	SC733	RS, BT	Watershed	Low	
5	Fossil Creek Near Russell	Aquatic Life	Selenium	SC713	RS	Watershed	Low	
5	Landon Creek Near Russell	Aquatic Life	Selenium	SC714	RS, BT	Watershed	Low	
5	Sellens Creek Near Russell	Aquatic Life	Selenium	SC736	RS, BT	Watershed	Low	
5	Smoky Hill River Near Russell	Aquatic Life	Selenium	SC007	RS, EL, RH	Watershed	Low	
5	Smoky Hill River Near Schoenchen	Aquatic Life	Selenium	SC539	EL, TR	Watershed	Low	
5	Smoky Hill River Near Wilson	Aquatic Life	Selenium	SC723	BT	Watershed	Low	
5	Fossil Creek Near Russell	Aquatic Life	Total Phosphorus	SC713	RS	Watershed	Low	median value: 1.08 > median flag value:0.201
5	Smoky Hill River Near Russell	Aquatic Life	Total Phosphorus	SC007	RS, EL, RH	Watershed	Low	median value: 0.2695 > median flag value:0.201
5	Coal Creek Near Wilson	Aquatic Life	Total Suspended Solids	SC733	RS, BT	Watershed	Low	median value: 86 > median flag value:50
4a	Coal Creek Near Wilson	Water Supply	Chloride	SC733	RS, BT	Watershed	Low	TMDL Approved on 11/15/2004
4a	Fossil Creek Near Russell	Water Supply	Chloride	SC713	RS	Watershed	Low	TMDL Approved on 11/15/2004
4a	Kanopolis Lake	Water Supply	Chloride	LM016001	EW	Lake	Low	TMDL Approved on 11/15/2004

## 2010 303(d) List of All Impaired/Potentially Impaired Waters Smoky Hill- Saline Basin

**10260006**

### Middle Smoky Hill

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
4a	Landon Creek Near Russell	Water Supply	Chloride	SC714	RS, BT	Watershed	Low	TMDL Approved on 11/15/2004
4a	Sellens Creek Near Russell	Water Supply	Chloride	SC736	RS, BT	Watershed	Low	TMDL Approved on 11/15/2004
4a	Smoky Hill River At Ellsworth	Water Supply	Chloride	SC269	EW	Watershed	Low	TMDL Approved on 11/15/2004
4a	Smoky Hill River Near Russell	Water Supply	Chloride	SC007	RS, EL, RH	Watershed	Low	TMDL Approved on 11/15/2004
4a	Smoky Hill River Near Wilson	Water Supply	Chloride	SC723	BT	Watershed	Low	TMDL Approved on 1/21/2004
4a	Fossil Lake	Aquatic Life	Eutrophication	LM052601	RS	Lake	Low	TMDL Approved on 9/30/2003
4a	Kanopolis Lake	Aquatic Life	Eutrophication	LM016001	EW	Lake	High	TMDL Approved on 8/7/2003
4a	Fossil Lake	Water Supply	Siltation	LM052601	RS	Lake	Low	TMDL Approved on 9/30/2003
4a	Coal Creek Near Wilson	Water Supply	Sulfate	SC733	RS, BT	Watershed	Low	TMDL Approved on 3/3/2004
4a	Fossil Creek Near Russell	Water Supply	Sulfate	SC713	RS	Watershed	Low	TMDL Approved on 11/15/2004
4a	Kanopolis Lake	Water Supply	Sulfate	LM016001	EW	Lake	Low	TMDL Approved on 3/3/2004
4a	Landon Creek Near Russell	Water Supply	Sulfate	SC714	RS, BT	Watershed	Low	TMDL Approved on 3/3/2004
4a	Sellens Creek Near Russell	Water Supply	Sulfate	SC736	RS, BT	Watershed	Low	TMDL Approved on 3/3/2004
4a	Smoky Hill River At Ellsworth	Water Supply	Sulfate	SC269	EW	Watershed	Low	TMDL Approved on 3/3/2004
4a	Smoky Hill River Near Russell	Water Supply	Sulfate	SC007	RS, EL, RH	Watershed	Low	TMDL Approved on 3/3/2004

## 2010 303(d) List of All Impaired/Potentially Impaired Waters Smoky Hill- Saline Basin

**10260006**

### Middle Smoky Hill

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
4a	Smoky Hill River Near Schoenchen	Water Supply	Sulfate	SC539	EL, TR	Watershed	Low	TMDL Approved on 3/3/2004
4a	Smoky Hill River Near Wilson	Water Supply	Sulfate	SC723	BT	Watershed	Low	TMDL Approved on 3/3/2004

## 2010 303(d) List of All Impaired/Potentially Impaired Waters Smoky Hill- Saline Basin

**10260007**

### Big Creek

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
5	Big Creek Near Munjor	Recreation	E. coli	SC540	EL, TR	Watershed	Low	GeoMean Exceedence
5	Big Creek Near Munjor	Water Supply	Nitrate	SC540	EL, TR	Watershed	Low	
5	Big Creek Near Munjor	Aquatic Life	Total Phosphorus	SC540	EL, TR	Watershed	Low	median value: 1.365 > median flag value:0.201
5	North Fork Big Creek Near Walker	Aquatic Life	Total Phosphorus	SC715	EL	Watershed	Low	median value: 0.492 > median flag value:0.201
5	Big Creek Near Munjor	Aquatic Life	Total Suspended Solids	SC540	EL, TR	Watershed	Low	median value: 82 > median flag value:50
4a	North Fork Big Creek Near Walker	Water Supply	Chloride	SC715	EL	Watershed	Low	TMDL Approved on 11/15/2004
4a	Big Creek Oxbow	Aquatic Life	Eutrophication	LM070301	EL	Lake	Low	TMDL Approved on 9/30/2003
4a	Ellis City Lake	Aquatic Life	Eutrophication	LM069601	EL	Lake	Low	TMDL Approved on 9/30/2003
4a	North Fork Big Creek Near Walker	Water Supply	Sulfate	SC715	EL	Watershed	Low	TMDL Approved on 3/3/2004
3	North Fork Big Creek Near Walker	Water Supply	Arsenic	SC715	EL	Watershed		
3	North Fork Big Creek Near Walker	Aquatic Life	Selenium	SC715	EL	Watershed		
3	Big Creek Near Munjor	Water Supply	Sulfate	SC540	EL, TR	Watershed		

## 2010 303(d) List of All Impaired/Potentially Impaired Waters Smoky Hill- Saline Basin

**10260008**

### Lower Smoky Hill

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
5	Smoky Hill River At Junction City	Aquatic Life	Biology	SC264	GE, DK	Watershed	Low	
5	Gypsum Creek Near Solomon	Aquatic Life	Dissolved Oxygen	SC641	SA, MP	Watershed	Low	
5	Mud Creek Near Abilene	Aquatic Life	Dissolved Oxygen	SC643	DK	Watershed	Low	
5	Turkey Creek Near Abilene	Aquatic Life	Dissolved Oxygen	SC644	DK, MN	Watershed	Low	
5	Smoky Hill River Near Mentor	Recreation	E. coli	SC514	SA, EW, MP	Watershed	Low	GeoMean Exceedence
5	Smoky Hill River At Junction City	Aquatic Life	Lead	SC264	GE, DK	Watershed	Low	Last exceedence occurred in most current sample year:2007
5	Smoky Hill River Near Salina	Water Supply	Nitrate	SC268	SA, MP	Watershed	Low	
5	Herington Reservoir	Water Supply	Siltation	LM047201	DK	Lake	Low	
5	Lyon Creek Near Wreford	Aquatic Life	Total Phosphorus	SC516	GE, CK, MR, MN	Watershed	Low	
5	Mud Creek Near Abilene	Aquatic Life	Total Phosphorus	SC643	DK	Watershed	Low	median value: 0.25 > median flag value:0.201
5	Smoky Hill River At Enterprise	Aquatic Life	Total Phosphorus	SC265	DK, SA	Watershed	Low	median value: 0.3185 > median flag value:0.201
5	Smoky Hill River At Junction City	Aquatic Life	Total Phosphorus	SC264	GE, DK	Watershed	Low	median value: 0.321 > median flag value:0.201
5	Smoky Hill River Near Salina	Aquatic Life	Total Phosphorus	SC268	SA, MP	Watershed	Low	median value: 0.3615 > median flag value:0.201
5	Chapman Creek Near Sutphen	Aquatic Life	Total Suspended Solids	SC515	CY, OT, DK	Watershed	Low	median value: 50.5 > median flag value:50

## 2010 303(d) List of All Impaired/Potentially Impaired Waters Smoky Hill- Saline Basin

**10260008**

### Lower Smoky Hill

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
5	Smoky Hill River At Enterprise	Aquatic Life	Total Suspended Solids	SC265	DK, SA	Watershed	Low	median value: 102.5 > median flag value:50
5	Smoky Hill River At Junction City	Aquatic Life	Total Suspended Solids	SC264	GE, DK	Watershed	Low	median value: 190 > median flag value:50
5	Smoky Hill River Near Mentor	Aquatic Life	Total Suspended Solids	SC514	SA, EW, MP	Watershed	Low	median value: 67 > median flag value:50
5	Smoky Hill River Near Salina	Aquatic Life	Total Suspended Solids	SC268	SA, MP	Watershed	Low	median value: 69 > median flag value:50
4a	McPherson Co. SFL	Recreation	Aquatic Plants	LM013501	MP	Lake	Medium	TMDL Approved on 9/30/2003
4a	Herington Reservoir	Aquatic Life	Atrazine	LM047201	DK	Lake	Medium	TMDL Approved on 9/30/2003
4a	Smoky Hill River At Enterprise	Aquatic Life	Biology	SC265	DK, SA	Watershed	Medium	TMDL Approved on 3/3/2004
4a	Smoky Hill River Near Salina	Aquatic Life	Biology	SC268	SA, MP	Watershed	Medium	TMDL Approved on 3/3/2004
4a	Smoky Hill River At Enterprise	Water Supply	Chloride	SC265	DK, SA	Watershed	Low	TMDL Approved on 11/15/2004
4a	Smoky Hill River At Junction City	Water Supply	Chloride	SC264	GE, DK	Watershed	Low	TMDL Approved on 11/15/2004
4a	Herington Reservoir	Aquatic Life	Dissolved Oxygen	LM047201	DK	Lake	High	TMDL Approved on 8/7/2003
4a	Holland Creek Near Sand Springs	Aquatic Life	Dissolved Oxygen	SC642	DK	Watershed	High	TMDL Approved on 8/7/2003
4a	McPherson Co. SFL	Aquatic Life	Dissolved Oxygen	LM013501	MP	Lake	Medium	TMDL Approved on 9/30/2003
4a	Geary Co. SFL	Aquatic Life	Eutrophication	LM043201	GE	Lake	Medium	TMDL Approved on 9/30/2003

## 2010 303(d) List of All Impaired/Potentially Impaired Waters Smoky Hill- Saline Basin

**10260008**

### Lower Smoky Hill

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
4a	Herington City Lake	Aquatic Life	Eutrophication	LM069701	DK	Lake	Low	TMDL Approved on 9/30/2003
4a	Herington City Park Lake	Aquatic Life	Eutrophication	LM072801	DK	Lake	Low	TMDL Approved on 9/30/2003
4a	Herington Reservoir	Aquatic Life	Eutrophication	LM047201	DK	Lake	High	TMDL Approved on 8/7/2003
4a	Lakewood Park Lake	Aquatic Life	Eutrophication	LM069801	SA	Lake	Low	TMDL Approved on 9/30/2003
4a	McPherson Co. SFL	Aquatic Life	Eutrophication	LM013501	MP	Lake	Medium	TMDL Approved on 9/30/2003
4a	McPherson Co. SFL	Aquatic Life	pH	LM013501	MP	Lake	Medium	TMDL Approved on 9/30/2003
4a	Carry Creek Near Lyona	Water Supply	Sulfate	SC708	DK	Watershed	Low	TMDL Approved on 11/15/2004
4a	Chapman Creek Near Sutphen	Water Supply	Sulfate	SC515	CY, OT, DK	Watershed	Low	TMDL Approved on 11/15/2004
4a	Gypsum Creek Near Solomon	Water Supply	Sulfate	SC641	SA, MP	Watershed	Low	TMDL Approved on 11/15/2004
4a	Holland Creek Near Sand Springs	Water Supply	Sulfate	SC642	DK	Watershed	Low	TMDL Approved on 11/15/2004
4a	Mud Creek Near Abilene	Water Supply	Sulfate	SC643	DK	Watershed	Low	TMDL Approved on 11/15/2004
4a	Smoky Hill River At Enterprise	Water Supply	Sulfate	SC265	DK, SA	Watershed	Low	TMDL Approved on 11/15/2004
4a	Smoky Hill River At Junction City	Water Supply	Sulfate	SC264	GE, DK	Watershed	Low	TMDL Approved on 11/15/2004
4a	Turkey Creek Near Abilene	Water Supply	Sulfate	SC644	DK, MN	Watershed	Low	TMDL Approved on 11/15/2004
3	Herington City Lake	Water Supply	Arsenic	LM069701	DK	Lake		Small sample size
3	Gypsum Creek Near Solomon	Recreation	E. coli	SC641	SA, MP	Watershed		Small sample size

## 2010 303(d) List of All Impaired/Potentially Impaired Waters Smoky Hill- Saline Basin

**10260008**

**Lower Smoky Hill**

<b>Cat.</b>	<b>Stream/Lake</b>	<b>Impaired Use</b>	<b>Impairment</b>	<b>Station</b>	<b>Counties</b>	<b>Body Type</b>	<b>Priority</b>	<b>Comment</b>
3	Holland Creek Near Sand Springs	Recreation	E. coli	SC642	DK	Watershed		Small sample size
3	Turkey Creek Near Abilene	Recreation	E. coli	SC644	DK, MN	Watershed		Small sample size
3	Lakewood Park Lake	Aquatic Life	Lead	LM069801	SA	Lake		Small sample size
3	Lakewood Park Lake	Water Supply	Siltation	LM069801	SA	Lake		Small sample size

## 2010 303(d) List of All Impaired/Potentially Impaired Waters Smoky Hill- Saline Basin

**10260009**

### Upper Saline

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
5	Paradise Creek Near Waldo	Aquatic Life	Dissolved Oxygen	SC538	OB, RO, RS	Watershed	Low	
5	Paradise Creek Near Waldo	Aquatic Life	Total Suspended Solids	SC538	OB, RO, RS	Watershed	Low	median value: 67 > median flag value:50
4a	Paradise Creek Near Waldo	Water Supply	Chloride	SC538	OB, RO, RS	Watershed	Low	TMDL Approved on 11/15/2004
4a	Saline River Near Russell	Water Supply	Chloride	SC011	RO, RS, EL	Watershed	Low	TMDL Approved on 11/15/2004
4a	Wilson Lake	Water Supply	Chloride	LM014001	RS	Lake	Low	TMDL Approved on 11/15/2004
4a	Plainville Township Lake	Aquatic Life	Eutrophication	LM070001	RO	Lake	Low	TMDL Approved on 9/30/2003
4a	Sheridan W.A.	Recreation	Fecal Coli	LM014501	SD	Lake	Low	TMDL Approved on 9/30/2003
4a	Sheridan W.A.	Aquatic Life	pH	LM014501	SD	Lake	Low	TMDL Approved on 9/30/2003
4a	Paradise Creek Near Waldo	Aquatic Life	Selenium	SC538	OB, RO, RS	Watershed	Low	TMDL Approved on 11/15/2004
4a	Saline River Near Hays	Aquatic Life	Selenium	SC548	TH, RO, SD, GH, EL, TR	Watershed	Low	TMDL Approved on 11/15/2004
4a	Saline River Near Russell	Aquatic Life	Selenium	SC011	RO, RS, EL	Watershed	Low	TMDL Approved on 11/15/2004
4a	Paradise Creek Near Waldo	Water Supply	Sulfate	SC538	OB, RO, RS	Watershed	Low	TMDL Approved on 11/15/2004
4a	Saline River Near Hays	Water Supply	Sulfate	SC548	TH, RO, SD, GH, EL, TR	Watershed	Low	TMDL Approved on 11/15/2004
4a	Saline River Near Russell	Water Supply	Sulfate	SC011	RO, RS, EL	Watershed	Low	TMDL Approved on 11/15/2004
4a	Wilson Lake	Water Supply	Sulfate	LM014001	RS	Lake	Low	TMDL Approved on 11/15/2004

## 2010 303(d) List of All Impaired/Potentially Impaired Waters Smoky Hill- Saline Basin

**10260010**

### Lower Saline

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
5	Spillman Creek Near Lincoln	Water Supply	Arsenic	SC673	MC, LC	Watershed	Low	
5	Mulberry Creek Near Salina	Aquatic Life	Copper	SC640	SA, EW, MP	Watershed	Low	Last exceedence occurred in most current sample year:2009
5	Mulberry Creek Near Salina	Aquatic Life	Total Phosphorus	SC640	SA, EW, MP	Watershed	Low	median value: 0.222 > median flag value:0.201
5	Saline River Near New Cambria	Aquatic Life	Total Phosphorus	SC267	OT, LC, SA	Watershed	Low	
5	Spillman Creek Near Lincoln	Aquatic Life	Total Phosphorus	SC673	MC, LC	Watershed	Low	median value: 0.31 > median flag value:0.201
5	Saline River Near Beverly	Aquatic Life	Total Suspended Solids	SC513	LC	Watershed	Low	median value: 77 > median flag value:50
5	Saline River Near New Cambria	Aquatic Life	Total Suspended Solids	SC267	OT, LC, SA	Watershed	Low	median value: 101 > median flag value:50
5	Spillman Creek Near Lincoln	Aquatic Life	Total Suspended Solids	SC673	MC, LC	Watershed	Low	median value: 69 > median flag value:50
5	Wolf Creek Near Sylvan Grove	Aquatic Life	Total Suspended Solids	SC537	OB, RS	Watershed	Low	median value: 72.5 > median flag value:50
4a	Saline River Near Beverly	Water Supply	Chloride	SC513	LC	Watershed	Low	TMDL Approved on 11/15/2004
4a	Saline River Near New Cambria	Water Supply	Chloride	SC267	OT, LC, SA	Watershed	Low	TMDL Approved on 11/15/2004
4a	Wolf Creek Near Sylvan Grove	Water Supply	Chloride	SC537	OB, RS	Watershed	Low	TMDL Approved on 11/15/2004
4a	Spillman Creek Near Lincoln	Aquatic Life	Dissolved Oxygen	SC673	MC, LC	Watershed	High	TMDL Approved on 8/7/2003

## 2010 303(d) List of All Impaired/Potentially Impaired Waters Smoky Hill- Saline Basin

**10260010**

### Lower Saline

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
4a	Wolf Creek Near Sylvan Grove	Aquatic Life	Selenium	SC537	OB, RS	Watershed	Low	TMDL Approved on 11/15/2004
4a	Bullfoot Creek Near Lincoln	Water Supply	Sulfate	SC672	LC, EW	Watershed	Low	TMDL Approved on 11/15/2004
4a	Elkhorn Creek Near Lincoln	Water Supply	Sulfate	SC671	LC, EW	Watershed	Low	TMDL Approved on 11/15/2004
4a	Saline River Near Beverly	Water Supply	Sulfate	SC513	LC	Watershed	Low	TMDL Approved on 11/15/2004
4a	Saline River Near New Cambria	Water Supply	Sulfate	SC267	OT, LC, SA	Watershed	Low	TMDL Approved on 11/15/2004
4a	Wolf Creek Near Sylvan Grove	Water Supply	Sulfate	SC537	OB, RS	Watershed	Low	TMDL Approved on 11/15/2004
3	Spillman Creek Near Lincoln	Aquatic Life	Atrazine	SC673	MC, LC	Watershed		Recent Trends indicate concern
3	Saline River Near New Cambria	Aquatic Life	Biology	SC267	OT, LC, SA	Watershed		Small sample size
3	Saline River Near New Cambria	Recreation	E. coli	SC267	OT, LC, SA	Watershed		Small sample size
3	Saline Co. SFL	Water Supply	Siltation	LM013701	SA	Lake		Small sample size

## 2010 303(d) List of All Impaired/Potentially Impaired Waters Upper Arkansas Basin

**11030001**

### Middle Arkansas-Lake McKinney

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
5	Arkansas River At Coolidge	Water Supply	Gross Alpha	SC223	HM	Watershed	High	Bundled w/ uranium
5	Arkansas River At Coolidge	Water Supply	Fluoride	SC223	HM	Watershed	Medium	
5	Arkansas River Near Deerfield	Water Supply	Fluoride	SC598	KE, HM	Watershed	Medium	
5	Hamilton Co. SFL	Water Supply	Chloride	LM016101	HM	Lake	Low	
5	Hamilton W.A.	Water Supply	Chloride	LM016141	HM	Lake	Low	
5	Hamilton Co. SFL	Aquatic Life	Dissolved Oxygen	LM016101	HM	Lake	Low	
5	Hamilton Co. SFL	Water Supply	Siltation	LM016101	HM	Lake	Low	
5	Hamilton W.A.	Water Supply	Siltation	LM016141	HM	Lake	Low	
5	Hamilton Co. SFL	Water Supply	Sulfate	LM016101	HM	Lake	Low	
5	Hamilton W.A.	Water Supply	Sulfate	LM016141	HM	Lake	Low	
5	Arkansas River Near Deerfield	Aquatic Life	Total Suspended Solids	SC598	KE, HM	Watershed	Low	
4a	Hamilton Co. SFL	Recreation	Aquatic Plants	LM016101	HM	Lake	Low	TMDL Approved on 9/11/2000
4a	Arkansas River At Coolidge	Water Supply	Boron	SC223	HM	Watershed	Medium	TMDL Approved on 9/11/2000
4a	Arkansas River Near Deerfield	Water Supply	Boron	SC598	KE, HM	Watershed	Medium	TMDL Approved on 9/11/2000
4a	Hamilton W.A.	Aquatic Life	Dissolved Oxygen	LM016141	HM	Lake	Low	TMDL Approved on 9/11/2000
4a	Hamilton Co. SFL	Aquatic Life	Eutrophication	LM016101	HM	Lake	Low	TMDL Approved on 9/11/2000
4a	Hamilton W.A.	Aquatic Life	Eutrophication	LM016141	HM	Lake	Low	TMDL Approved on 9/11/2000
4a	Arkansas River At Coolidge	Aquatic Life	Selenium	SC223	HM	Watershed	High	TMDL Approved on 2/28/2008

## 2010 303(d) List of All Impaired/Potentially Impaired Waters Upper Arkansas Basin

**11030001**

### Middle Arkansas-Lake McKinney

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
4a	Arkansas River Near Deerfield	Aquatic Life	Selenium	SC598	KE, HM	Watershed	High	TMDL Approved on 2/28/2008
4a	Arkansas River At Coolidge	Water Supply	Sulfate	SC223	HM	Watershed	Medium	TMDL Approved on 9/11/2000
4a	Arkansas River Near Deerfield	Water Supply	Sulfate	SC598	KE, HM	Watershed	Medium	TMDL Approved on 9/11/2000
3	Beymer Lake	Water Supply	Fluoride	LM071001	JO	Lake		Small sample size, sampled in 1989 and 2005
3	Beymer Lake	Aquatic Life	Selenium	LM071001	JO	Lake		Small sample size, Sampled in 1989 and 2005

## 2010 303(d) List of All Impaired/Potentially Impaired Waters Upper Arkansas Basin

**11030003**

### Arkansas-Dodge City

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
5	Lake Charles	Aquatic Life	Eutrophication	LM071101	FO	Lake	Low	
5	Arkansas River At Pierceville	Aquatic Life	Total Phosphorus	SC286	FI, KE	Watershed	Low	median value: 0.365 > median flag value:0.201
5	Arkansas River At Pierceville	Aquatic Life	Total Suspended Solids	SC286	FI, KE	Watershed	Low	median value: 364 > median flag value:50
4a	Arkansas River At Pierceville	Water Supply	Boron	SC286	FI, KE	Watershed	Medium	TMDL Approved on 9/11/2000
4a	Arkansas River At Pierceville	Recreation	Fecal Coli	SC286	FI, KE	Watershed	High	TMDL Approved on 8/9/2000
4a	Arkansas River At Pierceville	Aquatic Life	pH	SC286	FI, KE	Watershed	Medium	TMDL Approved on 9/11/2000
4a	Arkansas River At Pierceville	Aquatic Life	Selenium	SC286	FI, KE	Watershed	High	TMDL Approved on 2/28/2008
4a	Arkansas River At Pierceville	Water Supply	Sulfate	SC286	FI, KE	Watershed	Medium	TMDL Approved on 9/11/2000

## 2010 303(d) List of All Impaired/Potentially Impaired Waters Upper Arkansas Basin

**11030004**

### Arkansas-Pickerel

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
5	Arkansas River Near Dundee	Aquatic Life	Selenium	SC584	PN, ED, FO	Watershed	Medium	
5	Arkansas River Near Ford	Aquatic Life	Selenium	SC594	GY, FO, HS	Watershed	Medium	
5	Arkansas River Near Great Bend	Aquatic Life	Selenium	SC284	BT, SF	Watershed	Medium	
5	Arkansas River Near Kinsley	Aquatic Life	Selenium	SC587	ED, FO	Watershed	Medium	
5	Mulberry Creek Near Ford	Aquatic Life	Dissolved Oxygen	SC700	FO	Watershed	Low	
5	Arkansas River Near Ford	Water Supply	Fluoride	SC594	GY, FO, HS	Watershed	Low	
5	Arkansas River Near Dundee	Aquatic Life	Total Phosphorus	SC584	PN, ED, FO	Watershed	Low	
5	Arkansas River Near Ford	Aquatic Life	Total Phosphorus	SC594	GY, FO, HS	Watershed	Low	median value: 0.257 > median flag value:0.201
5	Arkansas River Near Great Bend	Aquatic Life	Total Phosphorus	SC284	BT, SF	Watershed	Low	median value: 0.2325 > median flag value:0.201
5	Arkansas River Near Ford	Aquatic Life	Total Suspended Solids	SC594	GY, FO, HS	Watershed	Low	
5	Mulberry Creek Near Ford	Aquatic Life	Total Suspended Solids	SC700	FO	Watershed	Low	median value: 110 > median flag value:50
4a	Arkansas River Near Great Bend	Aquatic Life	Biology	SC284	BT, SF	Watershed	Medium	TMDL Approved on 9/11/2000
4a	Arkansas River Near Dundee	Recreation	Fecal Coli	SC584	PN, ED, FO	Watershed	High	TMDL Approved on 8/9/2000
4a	Arkansas River Near Ford	Recreation	Fecal Coli	SC594	GY, FO, HS	Watershed	High	TMDL Approved on 8/9/2000
4a	Arkansas River Near Great Bend	Recreation	Fecal Coli	SC284	BT, SF	Watershed	High	TMDL Approved on 8/9/2000
4a	Arkansas River Near Kinsley	Recreation	Fecal Coli	SC587	ED, FO	Watershed	High	TMDL Approved on 8/9/2000

## 2010 303(d) List of All Impaired/Potentially Impaired Waters Upper Arkansas Basin

**11030004**

**Arkansas-Pickerel**

<b>Cat.</b>	<b>Stream/Lake</b>	<b>Impaired Use</b>	<b>Impairment</b>	<b>Station</b>	<b>Counties</b>	<b>Body Type</b>	<b>Priority</b>	<b>Comment</b>
4a	Arkansas River Near Kinsley	Water Supply	Fluoride	SC587	ED, FO	Watershed	Medium	TMDL Approved on 9/11/2000
4a	Arkansas River Near Dundee	Water Supply	Sulfate	SC584	PN, ED, FO	Watershed	Medium	TMDL Approved on 9/11/2000
4a	Arkansas River Near Ford	Water Supply	Sulfate	SC594	GY, FO, HS	Watershed	Medium	TMDL Approved on 9/11/2000
4a	Arkansas River Near Great Bend	Water Supply	Sulfate	SC284	BT, SF	Watershed	Medium	TMDL Approved on 9/11/2000
4a	Arkansas River Near Kinsley	Water Supply	Sulfate	SC587	ED, FO	Watershed	Medium	TMDL Approved on 9/11/2000
3	Mulberry Creek Near Ford	Aquatic Life	Lead	SC700	FO	Watershed		

## 2010 303(d) List of All Impaired/Potentially Impaired Waters Upper Arkansas Basin

11030005

Pawnee

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
5	Pawnee River Near Burdett	Aquatic Life	Atrazine	SC586	NX, FI, HG	Watershed	Low	
5	Pawnee River Near Larned	Aquatic Life	Atrazine	SC585	PN	Watershed	Low	Last exceedence occurred in most current sample year:2009
5	Concannon SFL	Water Supply	Boron	LM053601	FI	Lake	Low	
5	Pawnee River Near Burdett	Aquatic Life	Copper	SC586	NX, FI, HG	Watershed	Low	
5	Pawnee River Near Larned	Aquatic Life	Copper	SC585	PN	Watershed	Low	
5	Pawnee River Near Burdett	Aquatic Life	Dissolved Oxygen	SC586	NX, FI, HG	Watershed	Low	
5	Pawnee River Near Larned	Aquatic Life	Dissolved Oxygen	SC585	PN	Watershed	Low	
5	Concannon SFL	Aquatic Life	Eutrophication	LM053601	FI	Lake	Low	
5	Concannon SFL	Water Supply	Fluoride	LM053601	FI	Lake	Low	
5	Pawnee River Near Burdett	Aquatic Life	Lead	SC586	NX, FI, HG	Watershed	Low	
5	Pawnee River Near Larned	Aquatic Life	Lead	SC585	PN	Watershed	Low	
5	Concannon SFL	Water Supply	Sulfate	LM053601	FI	Lake	Low	
5	Pawnee River Near Burdett	Aquatic Life	Total Phosphorus	SC586	NX, FI, HG	Watershed	Low	median value: 0.471 > median flag value:0.201
5	Pawnee River Near Larned	Aquatic Life	Total Phosphorus	SC585	PN	Watershed	Low	median value: 0.536 > median flag value:0.201
5	Pawnee River Near Burdett	Aquatic Life	Total Suspended Solids	SC586	NX, FI, HG	Watershed	Low	median value: 64 > median flag value:50
4a	Pawnee River Near Burdett	Recreation	Fecal Coli	SC586	NX, FI, HG	Watershed	High	TMDL Approved on 8/9/2000

## 2010 303(d) List of All Impaired/Potentially Impaired Waters Upper Arkansas Basin

### 11030005

#### Pawnee

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
4a	Pawnee River Near Larned	Recreation	Fecal Coli	SC585	PN	Watershed	High	TMDL Approved on 8/9/2000
3	Concannon SFL	Water Supply	Arsenic	LM053601	FI	Lake		Small sample size, exceeded in 2002, last sampled in 2002

### 11030006

#### Buckner

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
5	Hain SFL	Aquatic Life	Eutrophication	LM070901	FO	Lake	Low	
5	Jetmore Lake	Aquatic Life	Eutrophication	LM073901	HG	Lake	Low	
4a	Jetmore Lake	Recreation	Aquatic Plants	LM073901	HG	Lake	Low	TMDL Approved on 8/9/2000
4a	Ford Co. Lake	Aquatic Life	Dissolved Oxygen	LM070801	FO	Lake	High	TMDL Approved on 9/11/2000
4a	Ford Co. Lake	Aquatic Life	Eutrophication	LM070801	FO	Lake	High	TMDL Approved on 9/11/2000
4a	Ford Co. Lake	Aquatic Life	pH	LM070801	FO	Lake	High	TMDL Approved on 9/11/2000
3	Boy Scout Lake	Aquatic Life	Eutrophication	LM070601	HG	Lake		Small sample size, Chla last sampled in 1989

### 11030007

#### Upper Walnut Creek

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
5	Walnut Creek At Ness City	Aquatic Life	Selenium	SC595	SC, LE, NS	Watershed	Low	
4a	Walnut Creek At Ness City	Water Supply	Sulfate	SC595	SC, LE, NS	Watershed	Low	TMDL Approved on 9/11/2000

## 2010 303(d) List of All Impaired/Potentially Impaired Waters Upper Arkansas Basin

**11030008**

### Lower Walnut Creek

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
5	Walnut Creek Near Alexander	Aquatic Life	Dissolved Oxygen	SC596	LE, NS	Watershed	High	
5	Walnut Creek Near Heizer	Aquatic Life	Dissolved Oxygen	SC597	RH, BT	Watershed	High	
5	Walnut Creek Near Alexander	Aquatic Life	Selenium	SC596	LE, NS	Watershed	High	
5	Walnut Creek Near Heizer	Aquatic Life	Selenium	SC597	RH, BT	Watershed	High	
5	Walnut Creek Near Heizer	Water Supply	Nitrate	SC597	RH, BT	Watershed	Medium	
5	Goodman SFL	Aquatic Life	Eutrophication	LM052401	NS	Lake	Low	
5	Memorial Park Lake	Aquatic Life	Eutrophication	LM071501	BT	Lake		Sampled in 2009 with excessive nutrients and Chla
5	Goodman SFL	Water Supply	Sulfate	LM052401	NS	Lake	Low	
5	Walnut Creek Near Heizer	Aquatic Life	Total Phosphorus	SC597	RH, BT	Watershed	Low	median value: 0.306 > median flag value:0.201
5	Walnut Creek Near Alexander	Aquatic Life	Total Suspended Solids	SC596	LE, NS	Watershed	Low	median value: 52 > median flag value:50
5	Walnut Creek Near Heizer	Aquatic Life	Total Suspended Solids	SC597	RH, BT	Watershed	Low	median value: 57 > median flag value:50
4a	Stone Lake	Aquatic Life	Eutrophication	LM074001	BT	Lake	Low	TMDL Approved on 9/11/2000
4a	Walnut Creek Near Alexander	Water Supply	Sulfate	SC596	LE, NS	Watershed	Low	TMDL Approved on 9/11/2000
4a	Walnut Creek Near Heizer	Water Supply	Sulfate	SC597	RH, BT	Watershed	Low	TMDL Approved on 9/11/2000

## 2010 303(d) List of All Impaired/Potentially Impaired Waters Upper Arkansas Basin

**11030008**

**Lower Walnut Creek**

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
3	Goodman SFL	Aquatic Life	Selenium	LM052401	NS	Lake		Small sample size, one year exceeded in 2002, last sampled in 2006 and that year was compliant

## 2010 303(d) List of All Impaired/Potentially Impaired Waters Upper Republican Basin

**10250001**

### Arikaree

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
5	Arikaree River Near Haigler, Nebraska	Water Supply	Arsenic	SC226	CN	Watershed	Low	
5	Arikaree River Near Haigler, Nebraska	Aquatic Life	Dissolved Oxygen	SC226	CN	Watershed	Low	
4a	Arikaree River Near Haigler, Nebraska	Water Supply	Fluoride	SC226	CN	Watershed	Low	TMDL Approved on 9/20/2006
4a	Arikaree River Near Haigler, Nebraska	Aquatic Life	Selenium	SC226	CN	Watershed	Low	TMDL Approved on 9/20/2006
4a	Arikaree River Near Haigler, Nebraska	Water Supply	Sulfate	SC226	CN	Watershed	Low	Use designation changes not yet approved by EPA
3	Arikaree River Near Haigler, Nebraska	Recreation	E. coli	SC226	CN	Watershed		Awaiting E. coli sampling

**10250003**

### South Fork Republican

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
4a	South Fork Republican River Near Benkelman, Nebraska	Water Supply	Fluoride	SC227	CN	Watershed	Low	TMDL Approved on 8/7/2003
4a	South Fork Republican River Near St. Francis	Water Supply	Fluoride	SC225	CN	Watershed	Low	TMDL Approved on 8/7/2003
3	South Fork Republican River Near St. Francis	Aquatic Life	Biology	SC225	CN	Watershed		Small sample size, SB379
3	Saint Francis W.A.	Aquatic Life	Copper	LM071401	CN	Lake		Small sample size
3	Saint Francis W.A.	Aquatic Life	Eutrophication	LM071401	CN	Lake		Small sample size

## 2010 303(d) List of All Impaired/Potentially Impaired Waters Upper Republican Basin

### 10250011

#### Lower Sappa

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
5	Sappa Creek Near Beaver City, Nebraska	Water Supply	Arsenic	SC229	RA, DC, NT, SH, TH	Watershed	Low	
5	Sappa Creek Near Beaver City, Nebraska	Aquatic Life	Total Phosphorus	SC229	RA, DC, NT, SH, TH	Watershed	Low	median value: 0.554 > median flag value:0.201

### 10250012

#### South Fork Beaver

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
3	Atwood Township Lake	Aquatic Life	Eutrophication	LM071201	RA	Lake		Small sample size
3	Atwood Township Lake	Water Supply	Fluoride	LM071201	RA	Lake		Small sample size
3	Atwood Township Lake	Water Supply	Sulfate	LM071201	RA	Lake		Small sample size

### 10250014

#### Beaver Creek

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
5	Beaver Creek At Cedar Bluffs	Aquatic Life	Total Phosphorus	SC228	CN, RA, DC, SH	Watershed	Low	
4a	Beaver Creek At Cedar Bluffs	Aquatic Life	Dissolved Oxygen	SC228	CN, RA, DC, SH	Watershed	Low	TMDL Approved on 9/20/2006
4a	Beaver Creek At Cedar Bluffs	Water Supply	Fluoride	SC228	CN, RA, DC, SH	Watershed	Low	TMDL Approved on 9/20/2006

## 2010 303(d) List of All Impaired/Potentially Impaired Waters Upper Republican Basin

**10250015**

### Prairie Dog Creek

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
5	Prairie Dog Creek Near Dellvale	Water Supply	Arsenic	SC549	DC, TH	Watershed	Low	Last exceedence occurred in most current sample year:2009
5	Prairie Dog Creek Near Woodruff	Water Supply	Arsenic	SC230	PL, NT	Watershed	Low	
5	Prairie Dog Creek Near Dellvale	Aquatic Life	Dissolved Oxygen	SC549	DC, TH	Watershed	Low	
5	Prairie Dog Creek Near Dellvale	Aquatic Life	Total Phosphorus	SC549	DC, TH	Watershed	Low	median value: 0.323 > median flag value:0.201
5	Prairie Dog Creek Near Woodruff	Aquatic Life	Total Phosphorus	SC230	PL, NT	Watershed	Low	median value: 0.7515 > median flag value:0.201
4a	Norton Lake (Sebelius Lake)	Aquatic Life	Dissolved Oxygen	LM010001	NT	Lake	Low	TMDL Approved on 8/7/2003
4a	Prairie Dog Creek Near Woodruff	Aquatic Life	Dissolved Oxygen	SC230	PL, NT	Watershed	High	TMDL Approved on 8/7/2003
4a	Colby City Lake	Aquatic Life	Eutrophication	LM071301	TH	Lake	Low	TMDL Approved on 8/7/2003
4a	Norton Lake (Sebelius Lake)	Aquatic Life	Eutrophication	LM010001	NT	Lake	Low	TMDL Approved on 8/7/2003
4a	Norton Lake (Sebelius Lake)	Aquatic Life	pH	LM010001	NT	Lake	Low	TMDL Approved on 8/7/2003
3	Colby City Lake	Aquatic Life	Lead	LM071301	TH	Lake		Small sample size

## 2010 303(d) List of All Impaired/Potentially Impaired Waters Verdigris Basin

**11070101**

### Upper Verdigris

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
5	Verdigris River Near Virgil	Recreation	E. coli	SC289	LY, CS, GW	Watershed	Low	GeoMean Exceedence
5	Woodson W.A.	Water Supply	Siltation	LM011841	WO	Lake	Low	
4a	Chetopa Creek Near Neodesha	Aquatic Life	Dissolved Oxygen	SC696	WL, NO	Watershed	Medium	TMDL Approved on 9/30/2002
4a	Toronto Lake	Aquatic Life	Dissolved Oxygen	LM024001	GW, WO	Lake	High	TMDL Approved on 9/30/2009
4a	Wilson Co. SFL	Aquatic Life	Dissolved Oxygen	LM015101	WL	Lake	Medium	TMDL Approved on 9/30/2002
4a	Woodson W.A.	Aquatic Life	Dissolved Oxygen	LM011841	WO	Lake	Medium	TMDL Approved on 9/30/2002
4a	Eureka Lake	Aquatic Life	Eutrophication	LM040201	GW	Lake	Medium	TMDL Approved on 9/30/2009
4a	Toronto Lake	Aquatic Life	Eutrophication	LM024001	GW, WO	Lake	High	TMDL Approved on 9/30/2009
4a	Wilson Co. SFL	Aquatic Life	Eutrophication	LM015101	WL	Lake	Medium	TMDL Approved on 9/30/2002
4a	Woodson W.A.	Aquatic Life	Eutrophication	LM011841	WO	Lake	Medium	TMDL Approved on 9/30/2002
4a	Chetopa Creek Near Neodesha	Recreation	Fecal Coli	SC696	WL, NO	Watershed	Medium	TMDL Approved on 9/30/2002
4a	Woodson W.A.	Recreation	Fecal Coli	LM011841	WO	Lake	Medium	TMDL Approved on 9/30/2002
4a	Eureka Lake	Water Supply	Siltation	LM040201	GW	Lake	Medium	TMDL Approved on 9/30/2009
4a	Toronto Lake	Water Supply	Siltation	LM024001	GW, WO	Lake	High	TMDL Approved on 9/30/2009

## 2010 303(d) List of All Impaired/Potentially Impaired Waters Verdigris Basin

**11070102**

**Fall River**

<b>Cat.</b>	<b>Stream/Lake</b>	<b>Impaired Use</b>	<b>Impairment</b>	<b>Station</b>	<b>Counties</b>	<b>Body Type</b>	<b>Priority</b>	<b>Comment</b>
4a	Fall River Lake	Aquatic Life	Dissolved Oxygen	LM023001	GW	Lake	High	TMDL Approved on 9/30/2009
4a	Fall River Lake	Aquatic Life	Eutrophication	LM023001	GW	Lake	High	TMDL Approved on 9/30/2009
4a	Fall River Near Climax	Recreation	Fecal Coli	SC575	GW, BU	Watershed	High	TMDL Approved on 9/30/2002
4a	Fall River Lake	Water Supply	Siltation	LM023001	GW	Lake	High	TMDL Approved on 9/30/2009

## 2010 303(d) List of All Impaired/Potentially Impaired Waters Verdigris Basin

**11070103**

### Middle Verdigris

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
5	Big Hill Creek Near Avian	Aquatic Life	Copper	SC607	MG, LB	Watershed	Low	
5	Onion Creek Near Coffeyville	Aquatic Life	Copper	SC608	MG	Watershed	Low	
5	Pumpkin Creek Near Coffeyville	Aquatic Life	Copper	SC606	LB	Watershed	Low	
5	Big Hill Creek Near Avian	Aquatic Life	Lead	SC607	MG, LB	Watershed	Low	Last exceedence occurred in most current sample year:2009
5	Onion Creek Near Coffeyville	Aquatic Life	Zinc	SC608	MG	Watershed	Low	
4a	Verdigris River Near Coffeyville	Aquatic Life	Biology	SC215	MG	Watershed	Medium	TMDL Approved on 9/30/2002
4a	Verdigris River Near Independence	Aquatic Life	Biology	SC563	MG	Watershed	Medium	TMDL Approved on 9/30/2002, SB215
4a	Big Hill Creek Near Avian	Aquatic Life	Dissolved Oxygen	SC607	MG, LB	Watershed	Medium	TMDL Approved on 9/30/2002
4a	Montgomery Co. SFL	Aquatic Life	Dissolved Oxygen	LM010701	MG	Lake	Medium	TMDL Approved on 9/30/2002
4a	Onion Creek Near Coffeyville	Aquatic Life	Dissolved Oxygen	SC608	MG	Watershed	Medium	TMDL Approved on 9/30/2002
4a	Pumpkin Creek Near Coffeyville	Aquatic Life	Dissolved Oxygen	SC606	LB	Watershed	Medium	TMDL Approved on 9/30/2002
4a	Big Hill Lake	Aquatic Life	Eutrophication	LM031001	NO, LB	Lake	High	TMDL Approved on 9/30/2009
4a	La Claire Lake	Aquatic Life	Eutrophication	LM072901	MG	Lake	Low	TMDL Approved on 9/30/2002
4a	Lake Tanko (Cherryvale City Lake)	Aquatic Life	Eutrophication	LM071601	MG	Lake	Low	TMDL Approved on 9/30/2002
4a	Montgomery Co. SFL	Aquatic Life	Eutrophication	LM010701	MG	Lake	Medium	TMDL Approved on 9/30/2002

## 2010 303(d) List of All Impaired/Potentially Impaired Waters Verdigris Basin

**11070103**

### Middle Verdigris

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
4a	Big Hill Creek Near Avian	Recreation	Fecal Coli	SC607	MG, LB	Watershed	Medium	TMDL Approved on 9/30/2002
4a	Verdigris River Near Coffeyville	Recreation	Fecal Coli	SC215	MG	Watershed	Medium	TMDL Approved on 9/30/2002
4a	Verdigris River Near Independence	Recreation	Fecal Coli	SC563	MG	Watershed	Medium	TMDL Approved on 9/30/2002
4a	Montgomery Co. SFL	Aquatic Life	pH	LM010701	MG	Lake	Medium	TMDL Approved on 9/30/2002
3	Drum Creek	Aquatic Life	Ammonia	NPDES45951	MG	Facility		NPDES Permit-Lagoon Study Pending
3	Lower Verdigris River	Aquatic Life	Ammonia	NPDES50733	MG	Facility		Evaluate for 2012 303(d) list
3	Verdigris River below Independence	Aquatic Life	Ammonia	NPDES42625	MG	Facility		Evaluate for 2012 303(d) list
3	Drum Creek	Recreation	Fecal Coli	NPDES45951	MG	Facility		NPDES Permit-Lagoon Study Pending
3	Lower Verdigris River	Recreation	Fecal Coli	NPDES50733	MG	Facility		Evaluate for 2012 303(d) list

## 2010 303(d) List of All Impaired/Potentially Impaired Waters Verdigris Basin

### 11070104

#### Elk River

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
5	Polk Daniels Lake (Elk Co. SFL)	Aquatic Life	Eutrophication	LM012701	EK	Lake	Low	
4a	Elk River Near Howard	Aquatic Life	Dissolved Oxygen	SC693	EK, MG	Watershed	Medium	TMDL Approved on 9/30/2002
4a	Elk City Lake	Aquatic Life	Eutrophication	LM025001	EK, MG, CQ	Lake	Medium	TMDL Approved on 9/30/2009
4a	Elk River Near Howard	Recreation	Fecal Coli	SC693	EK, MG	Watershed	Medium	TMDL Approved on 9/30/2002
4a	Elk City Lake	Water Supply	Siltation	LM025001	EK, MG, CQ	Lake	Medium	TMDL Approved on 9/30/2009

### 11070106

#### Caney River

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
5	Middle Caney Creek Near Sedan	Aquatic Life	Dissolved Oxygen	SC694	CQ	Watershed	Low	
3	Little Caney River	Recreation	Fecal Coli	NPDES27481	MG	Facility		Evaluate for 2012 303(d) list

## 2010 303(d) List of All Impaired/Potentially Impaired Waters Walnut Basin

**11030017**

### Upper Walnut River

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
5	Whitewater River At Towanda	Aquatic Life	Atrazine	SC038	HV, BU, SG	Watershed	Low	Recent Trends Do Not Indicate Concern
5	Augusta City Lake	Aquatic Life	Eutrophication	LM040001	BU	Lake	Low	
5	Augusta Santa Fe Lake	Aquatic Life	Lead	LM041601	BU	Lake	Low	
5	Walnut River Near El Dorado	Aquatic Life	Total Phosphorus	SC279	BU	Watershed	Low	median value: 0.2615 > median flag value:0.201
5	Whitewater River At Towanda	Aquatic Life	Total Phosphorus	SC038	HV, BU, SG	Watershed	Low	median value: 0.224 > median flag value:0.201
4a	Augusta Santa Fe Lake	Aquatic Life	Dissolved Oxygen	LM041601	BU	Lake	Medium	TMDL Approved on 9/30/2002
4a	Augusta Santa Fe Lake	Aquatic Life	Eutrophication	LM041601	BU	Lake	Medium	TMDL Approved on 9/30/2002
4a	El Dorado Lake	Aquatic Life	Eutrophication	LM033001	BU	Lake	High	TMDL Approved on 9/30/2002
4a	Harvey Co. East Lake	Aquatic Life	Eutrophication	LM052001	HV	Lake	Medium	TMDL Approved on 9/30/2002
4a	Walnut River Near El Dorado	Recreation	Fecal Coli	SC279	BU	Watershed	High	TMDL Approved on 9/30/2002
4a	Whitewater River At Towanda	Recreation	Fecal Coli	SC038	HV, BU, SG	Watershed	High	TMDL Approved on 9/30/2002
4a	Augusta Santa Fe Lake	Water Supply	Siltation	LM041601	BU	Lake	Medium	TMDL Approved on 9/30/2002
4a	El Dorado Lake	Water Supply	Siltation	LM033001	BU	Lake	High	TMDL Approved on 9/30/2002
4a	Whitewater River At Towanda	Water Supply	Sulfate	SC038	HV, BU, SG	Watershed	Low	TMDL Approved on 9/30/2002

## 2010 303(d) List of All Impaired/Potentially Impaired Waters Walnut Basin

**11030018**

### Lower Walnut River

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
5	Little Walnut River Near Douglas	Aquatic Life	Copper	SC655	BU	Watershed	Low	
5	Timber Creek Near Winfield	Aquatic Life	Lead	SC653	CL	Watershed	Low	Last exceedence occurred in most current sample year:2007
5	Eight Mile Creek Near Douglas	Aquatic Life	Total Phosphorus	SC704	BU	Watershed	Low	median value: 0.265 > median flag value:0.201
5	Four Mile Creek Near Gordon	Aquatic Life	Total Phosphorus	SC744	BU, SG	Watershed	Low	median value: 0.2065 > median flag value:0.201
5	Walnut River At Gordon	Aquatic Life	Total Phosphorus	SC106	BU	Watershed	Low	median value: 0.2275 > median flag value:0.201
4a	Walnut River At Gordon	Aquatic Life	Biology	SC106	BU	Watershed	Medium	TMDL Approved on 9/30/2002
4a	Walnut River Near Hackney	Aquatic Life	Biology	SC532	BU, CL	Watershed	Medium	TMDL Approved on 9/30/2002
4a	Butler Co. SFL	Aquatic Life	Eutrophication	LM049401	BU	Lake	Medium	TMDL Approved on 9/30/2002
4a	Winfield City Lake	Aquatic Life	Eutrophication	LM050801	CL	Lake	High	TMDL Approved on 9/30/2009
4a	Winfield Park Lagoon	Aquatic Life	Eutrophication	LM072301	CL	Lake	Low	TMDL Approved on 9/30/2002
4a	Little Walnut River Near Douglas	Recreation	Fecal Coli	SC655	BU	Watershed	High	TMDL Approved on 9/30/2002
4a	Rock Creek Near Rock	Recreation	Fecal Coli	SC654	BU, CL	Watershed	High	TMDL Approved on 9/30/2002
4a	Eight Mile Creek Near Douglas	Water Supply	Sulfate	SC704	BU	Watershed	Low	TMDL Approved on 9/30/2002

## 2010 303(d) List of All Impaired/Potentially Impaired Waters Walnut Basin

**11030018**

### Lower Walnut River

Cat.	Stream/Lake	Impaired Use	Impairment	Station	Counties	Body Type	Priority	Comment
4a	Four Mile Creek Near Gordon	Water Supply	Sulfate	SC744	BU, SG	Watershed	Low	TMDL Approved on 9/30/2002
4a	Walnut River At Gordon	Water Supply	Sulfate	SC106	BU	Watershed	Low	TMDL Approved on 9/30/2002
4a	Walnut River Near Hackney	Water Supply	Sulfate	SC532	BU, CL	Watershed	Low	TMDL Approved on 9/30/2002
3	Timber Creek Near Winfield	Aquatic Life	Copper	SC653	CL	Watershed		
3	Timber Creek Near Winfield	Recreation	E. coli	SC653	CL	Watershed		Small sample size