Missouri Department of Natural Resources

Water Protection Program
Nonpoint Source Unit

Application for

Nonpoint Source Watershed Management Plan Development grant

Worksheet and Attachments

State of Missouri
Nine Element Watershed Management Planning Worksheet

The attached worksheet provides guidance for the development of watershed management plans that meet the requirements of the Environmental Protection Agency to be eligible for certain grant funding. It is designed to help the user find basic information to begin the development of these watershed management plans, as well as providing information about the nine elements that are required in the plan. The completion of this worksheet does not constitute an approved plan, but it should provide the user with the basic necessary information from which an approved watershed management plan can be developed and ultimately implemented.

To obtain additional information:
This worksheet is designed to be used in electronic format and contains links to important data sources. To request an electronic copy of the worksheet or to obtain paper copies of the referenced materials, please contact Greg Anderson, at (573) 751-7144 or via email at greg.anderson@dnr.mo.gov, or Darlene Schaben at (573) 751-7428.

Completing the Worksheet:
This worksheet must include the Water Body Identification Number (WBID) of the impaired water body that the planning effort will impact. A modified version of the state's 303(d) list, which includes only water bodies impaired by NPS pollutants and their WBIDs, can be viewed in **Attachment A**.

If a Total Maximum Daily Load (TMDL) has been written for the watershed, the Watershed Management Plan must be designed to achieve the reduction in pollutant load called for in the NPS Total Daily Maximum Load (TMDL) (**see Attachment B**). If a TMDL has not been developed for the water body, the plan must include implementation practices to remove the water body from the 303(d) list.

		Water Body Name(s):	Water Body ID Number:
Project Name:			
Project Sponsor:			
Address:			
Project Manager:			
Phone:			
Email:			

Watershed Identification					
Name of Watershed:					
HUC Codes for all 14-Digit Watersheds in Planning Effort:					
Total Area Encompassed in Planning Effort (Acres):					
Approved TMDLs with nonpoint source impairments (if any) **See Attachment B**	Water Body	WBID	Size	Pollutant(s)	Source
Does the area encompass a Public Water Supply?	Yes ☐	Name(s):			
	No ☐				

Elements of the Watershed Management Plan (see Attachment C)									
Element A Pollutant(s) Addressed in the Plan:	**Pollutant Category (see Attachment D)** (Mark all that apply)								**Element A** Quantify Sources of Pollutant (e.g., # of cattle, # of acres, miles of stream, etc.)
	Ag CP	**Ag AP**	**Silv.**	**C**	**U/ SW**	**HM**	**LD**	**RE**	
Sediment									
Nutrients									
Pesticides									
Fecal Coliforms									
Dissolved Oxygen									
Metals									
pH									
Other/Unknown									
AgCP-Agriculture Crop Production, **AgAP**-Agriculture Animal Production, **Silv.**-Silviculture, **C**-Construction, **U/SW**-Urban/Stormwater, **HM**-Hydrologic/Habitat Modification, **LD**-Land Disposal, **RE**-Resource Extraction									

NPS Management Measures – Element C		
BMP to be Implemented **(For a list of some BMPs, refer to the Natural Resources Conservation Service's (NRCS)** Electronic **Field Office Technical Guide)**	Total # or Area Unit of Measure	Estimate of Pollutant Load Reduction – **Element B**

Describe Methods Used to Estimate Pollutant Load Reduction:

Estimate of Assistance Needed – Element D	
Agency Providing Technical Assistance **(For a list of some agencies, refer to Appendix J of the Nonpoint Source Management Plan)**	**Technical Assistance to be Provided**

Agency Providing Financial Assistance **(For a list of some agencies, refer to Appendix J of the Nonpoint Source Management Plan)**	**Amount of Financial Assistance Provided**

Schedule for BMP Implementation – Element F				
	Anticipated Date of Completion			
BMP to be Implemented	**25% complete**	**50% complete**	**75% complete**	**100% complete**

Description of Interim Milestones – Element G
Describe interim, measurable milestones:

Method Used to Determine Load Reduction – Element H	Pollutant Type(s)
Fixed Station Network	
Intensive Surveys	
Toxics Monitoring Program	
Biological Monitoring Program	
Fish Tissue Analysis	
Volunteer Monitoring Program	
Other(s)	

Monitoring Program – Element I
Describe monitoring component(s):

Information/Education Component – Element E
Describe Information/Education component(s):

Waterbody	WBID	Yr	Size	U	P	Pollutant	Source	Dwnstrm Co	Upstrm Co	Downstream	Upstrm
Bear Cr.	9001	2002	2	Mi	M	Unknown	Kirksville Pt/NPS	Adair		22,62N,15W	26,62N,15W
Big Cr.	1250	1998	49	Mi	M	Sediment	Ag.NPS	Henry	Jackson	34,42N,27W	29,46N,30W
Big Muddy Cr.	436	1998	8	Mi	M	Sediment	Ag.NPS	Daviess		SE36,59N,27W	33,60N,27W
Big Otter Cr.	1224	1998	1	Mi	M	pH	Otter Creek AML	Henry	St. Clair	C29,40N,25W	NE31,40N,25W
Big Otter Cr. Trib.	1225	1998	1	Mi	M	pH	Otter Creek AML	St. Clair		NE31,40N,25W	N5,39N,25W
Big R.	2074	1998	53	Mi	H	Lead	Old Lead Belt AML	Jefferson		NW18,43N,4E	3166,40N,3E
Big R.	2080	1994	40	Mi	H	Lead,NVSS	Old Lead Belt AML	Jefferson	St. Francois	3166,40N,3E	33,37N,4E
Blackbird Cr.	653	1998	10.5	Mi	M	Sediment	Ag.NPS	Putnam		NW10,63N,16W	2,64N,17W
Cave Spring Br.	9002	1998	0.2	Mi	H	Nutrients	Simmons Ind.,Livestock	McDonald		W21,21N,34W	W21,21N,34W
Center Cr.	3203	1994	11	Mi	M	Zinc	Tristate AML	Jasper		W14,28N,34W	W5,28N,32W
Clear Cr.	1336	1994	18	Mi	M	Sediment	Ag.NPS	Vernon		10,35N,29W	29,34N,30W
Dardenne Cr.	221	2002	10	Mi	M	Unknown	Urban/Rural NPS	St. Charles		I-70	Hwy 40
Dark Cr.	690	1994	8	Mi	M	Sulfate	Crutchfield AML	Randolph		NE31,54N,15W	34,55N,15W
E. Fk. Tebo Cr.	1282	1994	1	Mi	H	pH	Triple Tipple AML	Henry		C2,43N,24W	NW35,44N,24W
Edina Res.	7026	2002	51	Ac	H	Atrazine,Cyanazine	Corn&Sorgh.Production	Knox		NE12,62N,12W	
Fellows Lake	7237	1994	820	Ac	L	Nutrients	Ag.&Suburban NPS	Greene		NE22,30N,21W	
Flat Cr.	865	1998	20	Mi	M	Sediment	Ag.NPS	Pettis		18,45N,20W	2,43N,23W
Flat River Cr.	2168	1994	5	Mi	H	Lead,NVSS	Old Lead Belt AML	St. Francois		Sur.83,37,5E	NW18,36,5E
Flat River Cr.	2168	1994	5	Mi	M	Zinc	Elvins tailings pile	St. Francois		Sur.83,37,5E	NW18,36,5E
Honey Cr.	554	1998	23	Mi	M	Sediment	Ag,NPS	Livingston	Grundy	27,59N,24W	29,63N,23W
Honey Cr.	1251	1998	3	Mi	M	Sulfate	Reliant Shop AML	Henry		SW10,42N,27W	NE11,42N,27W
Indian Cr.	1946	2002	1.5	Mi.	H	Zinc	Viburnum Division Mine	Washington		mouth	18,35N,1W
L. Medicine Cr.	619	1998	36	Mi	M	Sediment	Ag.NPS	Grundy	Mercer	9,61N,22W	26,67N,22W
L. Osage R.	3652	1998		Mi	M	Low DO		Vernon		18,37N,31W	18,37N,33W
L. Sac R.	1381	1998	27	Mi	M	Fecal Coliform	Pt/NPS	Dade	Greene	2,32N,24W	NW34,30N,22W
L. Tarkio Cr.	248	1998	17.5	Mi	M	Sediment	Ag.NPS	Holt	Atchison	13,60N,40W	19,63N,39W
LaBelle #2 Lake	7023	1994	112	Ac	H	Atrazine,Cyanazine	Corn&Sorgh.Production	Lewis		NE16,61N,9W	
Lake Cr.	875	1998	5	Mi	M	Sediment	Ag.NPS	Pettis		SW25,45N,20W	NE12,44N,20W
Lake Ste. Louise	7055	2002	50	Ac	M	Fecal Coliform	Urban Runoff	St. Charles		28,47N,2E	
Lamar Lake	7356	1994	180	Ac	L	Nutrients	Ag.NPS	Barton		NW32,32N,30W	
Lat.#2 Main Ditch	3105	1998	11.5	Mi	M	Sediment	Ag.NPS	Stoddard		24,23N,10E	25,25N,10E
Lewistown Res.	7020	2002	27	Ac	H	Atrazine,Cyanazine	Corn&Sorgh.Production	Lewis		SW8,61N,8W	
M. Fk. Grand R.	468	1998	25	Mi	M	Sediment	Ag.NPS	Gentry	Worth	33,63N,31W	12,66N,31W
M. Fk. Salt R.	121	1998	49	Mi	M	Sediment	Ag.NPS	Monroe	Macon	9,54N,9W	16,56N,13W
Marmaton R.	1308	1998		Mi	M	Low DO		Vernon		19,38N,29W	W6,35N,33W
Medicine Cr.	623	1998	40	Mi	M	Sediment	Ag.NPS	Grundy	Putnam	9,61N,22W	30,67N,22W
Miami Cr.	1299	1998	18	Mi	M	Sediment	Ag.NPS	Bates		35,39N,31W	10,40N,32W

Waterbody	WBID	Yr	Size	U	P	Pollutant	Source	Dwnstrm Co	Upstrm Co	Downstream	Upstrm
Mill Cr.	159	1998	4	Mi	M	Sediment	Ag.NPS	Lincoln		7,50N,1W	1710,51N,1W
Mississippi R.	1	2002	165	Mi	M	Chlordane, PCBs	Pt/NPS	St. Charles	Clark	Missouri R.	DesMoines R.
Mississippi R.	1707	2002	201	Mi	M	Chlordane, PCBs	Pt/NPS	Mississippi	St. Louis	Ohio R.	Missouri R.
Mississippi R.	3152	2002	125	Mi	M	Chlordane, PCBs	Pt/NPS	Pemiscot	Mississippi	State Line	Ohio R.
Missouri R.	226	2002	179	Mi	M	Chlordane, PCBs	Pt/NPS	Jackson	Atchison	Kansas R.	State Line
Missouri R.	356	2002	125	Mi	M	Chlordane, PCBs	Pt/NPS	Chariton	Jackson	Chariton R.	Kansas R.
Missouri R.	701	2002	129	Mi	M	Chlordane, PCBs	Pt/NPS	Gasconade	Chariton	Gasconade R.	Chariton R.
Missouri R.	1604	2002	100	Mi	M	Chlordane, PCBs	Pt/NPS	St. Louis	Gasconade	Mississisppi	Gasconade R.
Monegaw Cr.	1234	1998	3	Mi	M	Sulfate	Montee AML	St. Clair		SW21,39N,28W	NE8,39N,28W
Monroe City Rte.J Lk	7031	1996	94	Ac	H	Atrazine,Cyanazine	Corn&Sorgh.Production	Ralls		NE34,56N,7W	
Mussel Fk.	674	1998	29	Mi	M	Sediment	Ag.NPS	Macon	Sullivan	18,58N,17W	2,62N,18W
N. Fabius R.	56	1998	82	Mi	L	Sediment	Ag.NPS	Marion	Schuyler	24,59N,6W	26,67N,14W
N. Fk. Spring R.	3188	1998	51.5	Mi	M	Sediment	Ag.NPS	Jasper	Dade	1,29N,32W	20,30N,28W
Pearson Cr.	2373	1998	1.5	Mi	M	Unknown toxicity	Urban NPS	Greene		SE35,29N,21W	C26,29N,21W
Peruque Cr.	217	2002	4	Mi	M	NVSS	Urban/Rural NPS	St. Charles		SE32,47,2E	SE25,47,1E
Peruque Cr.	218	2002	8.5	Mi	M	NVSS	Urban/Rural NPS	St. Charles		SE25,47,1E	SE23,47,1W
River des Peres	9003	2002		Mi	M	Low DO	Urban NPS	St. Louis			
S. Fk. Blackwater R.	921	1998	5	Mi	M	Sediment		Johnson		12,46N,27W	19,46N,27W
S. Wyaconda R.	50	1998	9	Mi	M	Sediment	Ag.NPS	Clark	Scotland	26,65N,9.W	4,65N,10W
Salt R.	91	1998	29	Mi	L	Manganese	Cannon Dam	Ralls		SE23,55N,3W	NE9,55N,6W
Sewer Br.	9004	2002			M	Low DO	Unknown Pt/NPS	Pettis			
Shaw Br.	2170	1994	2	Mi	M	NVSS, Lead	Federal AML	St. Francois		NE7,36N,5E	SW20,36N,4E
Spillway Ditch	3134	1998	13.5	Mi	M	Sediment	Ag.NPS	New Madrid	Mississippi	29,23N,15E	33,25N,16E
Spring Fork Lake	7187	1994	178	Ac	L	Nutrients	Ag.NPS	Pettis		SW21,44N,21W	
Table Rock Res.	7313	2002	43100	Ac	L	Nutrients	Pt/NPS	Stone	Barry	NW22,22N,22W	
Third Fk. Platte R.	327	1998	31.5	Mi	M	Sediment	Ag.NPS	Buchanan	Gentry	SE34,57N,34W	25,61N,33W
Troublesome Cr.	73	1998	3.5	Mi	M	Sediment	Ag.NPS	Marion		NE24,59N,7W	15,59N,7W
Turkey Cr.	3216	2005	3.5	Mi	M	Zinc	Multiple Lead/Zinc AMLs	Jasper		SE29,28N,33W	35,28N,33W
Turkey Cr.	3217	2005	5	Mi	M	Zinc	Duenweg AML	Jasper		35,28N,33W	9,27N,32W
Vandalia Lake	7032	1998	37	Ac	H	Atrazine	Corn&Sorgh.Production	Pike		SE12,53N,5W	
Village Cr.	2864	1994	0.5	Mi	H	NVSS	Mine La Motte AML	Madison		SW34,34N,7E	C34,34N,7E
Wilson's Cr.	2375	1998	18	Mi	M	Unknown toxicity	Springfield Pt/NPS	Greene		SW1,27N,23W	29,29N,22W

Note: Big Otter Creek is meeting standards and will not need a TMDL.
Tributary to Big Otter Creek TMDL and Trace Creek TMDL are presently waiting approval from EPA

Waterbody	WBID	Yr	Size	U	P	Pollutant	Source	Dwnstrm Co	Upstrm Co	Downstream	Upstrm
The following unknown Pollutants are likely to be later found to be caused by Nonpoint Source Pollution.											
Hickory Cr.	442	2002	1.5	Mi	M	Unknown		Daviess		mouth	11,60N,28W
Hickory Cr. Trib.	589	2002	1	Mi	M	Unknown		Grundy		15,60N,25W	9,60N,25W
Hickory Cr..	588	2002	7	Mi	M	Unknown		Grundy		mouth	9,60N,25W
Hinkson Cr.	1007	1998	6	Mi	M	Unknown		Boone		mouth	W24,48N,13W
Hinkson Cr.	1008	1998	5	Mi	M	Unknown		Boone		W24,48N,13W	SW8,48N,12W
Long Branch	602	2002	13	Mi	M	Unknown		Linn		mouth	11,59N,20W
Long Branch	857	2002	3.5	Mi	M	Unknown		Pettis	Johnson	6,45N,23W	9,45N,24W
Muddy Cr.	557	2002		Mi	M	Unknown		Grundy	Mercer	Mouth	22,66N,23W
Sandy Cr.	652	2002	3	Mi	M	Unknown		Putnam		mouth	19,66N,17W
W. Fk. Locust Cr.	612	2002	17	Mi	M	Unknown		Linn	Sullivan	2,59N,21W	36,62N,21W
W. Fk. Locust Cr.	613	2002	17	Mi	M	Unknown		Sullivan		36,62N,21W	33,64N,21W
Willow Br.	9005	2002		Mi	M	Unknown		Putnam			

Definitions:

Ag.NPS = Agricultural Nonpoint Sources
AML = Abandoned Mine Land
DO = Dissolved Oxygen
NVSS = Nonvolatile Suspended Solids or soil, gravel or silt
Pt/NPS = Point/Nonpoint Source

Waterbody	WBID	Year	TMDL Approved	Size	U	P	Pollutant	Source	Dwnstrm Co	Upstrm Co	Downstream	Upstrm
Barker's Cr. Trib.	9000	1994	2004	0.3	Mi	M	pH,sulfate	Grey AML	Henry		NE28,42N,24W	SE21,42N,24W
Big Otter Cr. Trib	1224	1998	2004	1	Mi	M	PH	Otter Creek AML	St. Clair		NE31,40N,25W	NE31,40N,25W
Big Sugar Cr.	3250	1998	2004	31	Mi	L	Nutrients	Livestock Production	McDonald	Barry	SW34,22N,32W	27,21N,29W
Blue River	418	1998	2001	9	Mi	L	Chlordane	Urban NPS	Jackson			
Blue River	419	1998	2001	9	Mi	L	Chlordane	Urban NPS	Jackson			
Blue River	421	1998	2001	2	Mi	L	Chlordane	Urban NPS	Jackson			
Buffalo Cr.	3269	1998	2004	10	Mi	L	Nutrients	Livestock Production	McDonald		NW9,22N,34W	5,23N,33W
Buffalo Cr.	3273	1998	2004	5.5	Mi	L	Nutrients	Livestock Production	McDonald	Newton	5,23N,33W	14,24N,33W
Cedar Cr.	737	1994		1	Mi	H	Sulfate	Manacle Creek AML	Callaway		N27,49N,11W	C15,49N,11W
Cedar Creek	737		2001	4	Mi	H	pH, sulfate	Upper Cedar AML	Callaway			
Elk R.	3246	1998	2004	21.5	Mi	L	Nutrients	Livestock Production	McDonald		SW21,22N,34W	34,22N,32W
Goose Creek	2860		1999	0.5	Mi	H	Nickel	Madison Mine	Madison			
Indian Cr.	3256	1998	2004	26	Mi	L	Nutrients	Livestock Production	McDonald	Newton	NW1,21N,33W	24,24N,31W
Jack's Fork R.	2681	1998	2004	7	Mi	M	Fecal Coliform	Organic wastes	Shannon		S9,29N,3W	E26,29N,4W
James River	2347	1998	2001	28	Mi	H	Nutrients	Multiple Pt/NPS	Stone			
James River	2362	1998	2001	26	Mi	H	Nutrients	Multiple Pt/NPS	Stone	Greene		
James River	2365	1998	2001	5*	Mi	H	Nutrients	Multiple Pt/NPS	Greene			
Kelley Br.	1016	1998	2003	1	Mi	H	Sediment	ORVs Finger Lakes SP	Boone		SE36,50N,13W	NE36,50N,13W
L. Sugar Cr.	3249	1998	2004	11	Mi	L	Nutrients	Pt/NP Sources	McDonald		SW34,22N,32W	S34,21N,31W
M. Fk. Tebo Cr.	1284	1994	2004	5.5	Mi	M	Sulfate	Newcastle,other AML	Henry		SE31,43N,24W	SE7,43N,24W
M. Fk. Tebo Cr. Trib.	1288	1994	2004	2	Mi	M	pH,sulfate	Newcastle Tipple AML	Henry		SW6,43N,24W	NE36,44N,25W
M. Fk. Tebo Cr. Trib.	1288	1994	2004	1.5	Mi	M	sulfate	Newcastle Tipple AML	Henry		SE7,43N,24W	SW6,43N,24W
M. Indian Cr.	3262	1998	2004	3	Mi	L	Nutrients	Livestock Production	Newton		16,24N,30W	12,24N,30W
M. Indian Cr.	3263	1998	2004	2.5	Mi	L	Nutrients	Livestock Production	Newton		C7,24N,30W	16,24N,30W
Manacle Cr.	742	1994		2	Mi	M	pH,Sulfate	Manacle Creek AML	Callaway		SW3,48N,11W	S35,49N,11W
McDaniel Lake	7236	1994	2004	300	Ac	L	Nutrients	Ag.&Suburban NPS	Greene		SE26,30N,22W	
N. Indian Cr.	3260	1998	2004	5	Mi	L	Nutrients	Livestock Production	Newton		24,24N,31W	36,25N,30W
Patterson Cr.	3268	1998	2004	2	Mi	L	Nutrients	Livestock Production	McDonald		NW16,22N,34W	NW11,22N,34W
Rocky Fk.	1014	1998	2003	0.5	Mi	M	NVSS	Finger Lakes AML	Boone		NE1,49N,13W	SE36,50N,13W
S. Indian Cr.	3259	1998	2004	9	Mi	L	Nutrients	Livestock Production	Newton	McDonald	24,24N,31W	1,23N,30W
Saline Creek	2859	1998	1999	0.5	Mi	H	Nickel	Madison Mine	Madison			
Second Nicolson Cr.	1319	1994	2004	3	Mi	M	Sulfate	Many AML Areas	Barton		W4,32N,33W	C18,32N,33W
Shoal Cr.	3230	1998	2003	13.5	Mi	M	Fecal Coliform	Unknown Ag. Sources	Newton	Barry	N15,25N,29W	12,23N,29W
Sugar Creek	686	1998	2002	2.7	Mi	L	pH	Huntsville&Calfee AML	Randolph			
W. Fk. Tebo Cr.	1292	1998	2004	7	Mi	M	Sulfate	Spangler AML	Henry		SE24,42N,25W	SE9,42N,25W

Nine Elements Critical to a Watershed Management Plan

a. Identify the causes and sources or groups of similar sources that will need to be controlled to achieve the load reductions estimated in this watershed-based plan (and to achieve any other watershed goals identified in the watershed-based plan), as discussed in item (b). Identify the sources that need to be controlled at the significant subcategory level with estimates of the extent to which they are present in the watershed (e.g., X number of dairy cattle feedlots needing upgrading, including a rough estimate of the number of cattle per facility; Y acres of row crops needing improved nutrient management or sediment control; or Z linear miles of eroded streambank needing remediation).
b. An estimate of the load reductions expected for the management measures described under paragraph (c) below (recognizing the natural variability and the difficulty in precisely predicting the performance of management measures over time). Estimates should be provided at the same level as in item (a) above (e.g., the total load reduction expected for dairy cattle feedlots; row crops; or eroded streambanks).
c. A description of the NPS management measures that will need to be implemented to achieve the load reductions estimated under paragraph (b) above (as well as to achieve other watershed goals identified in this watershed-based plan), and an identification (using a map or a description) of the critical areas in which those measures will be needed to implement this plan.
d. An estimate of the amounts of technical and financial assistance needed, associated costs, and/or the sources and authorities that will be relied upon, to implement this plan. As sources of funding, States should consider the use of their Section 319 programs, State Revolving Funds, USDA's Environmental Quality Incentives Program and Conservation Reserve Program, and other relevant Federal, State, local and private funds that may be available to assist in implementing this plan.
e. An information/education component that will be used to enhance public understanding of the project and encourage their early and continued participation in selecting, designing, and implementing the NPS management measures that will be implemented.
f. A schedule for implementing the NPS management measures identified in this plan that is reasonably expeditious.
g. A description of interim, measurable milestones for determining whether NPS management measures or other control actions are being implemented.
h. A set of criteria that can be used to determine whether loading reductions are being achieved over time and substantial progress is being made towards attaining water quality standards and, if not, the criteria for determining whether this watershed-based plan needs to be revised or, if a NPS TMDL has been established, whether the NPS TMDL needs to be revised.
i. A monitoring component to evaluate the effectiveness of the implementation efforts over time, measured against the criteria established under item (h).

Major Nonpoint Source (NPS) Categories and Subcategories

1000 Agriculture
- 1100 Non-irrigated Crop Production
- 1200 Irrigated Crop Production
- 1300 Specialty Crop Production (e.g., horticulture/citrus/nuts/fruits)
- 1350 Pasture Grazing
- 1400 Range Grazing
- 1700 Aquaculture

1600 Animal Feeding Operations

2000 Silviculture
- 2100 Harvesting/Residue Management
- 2200 Forest Management (e.g., pumped drainage/fertilization/pesticide application)
- 2300 Road Construction/Maintenance
- 2990 Reforestation

3000 Construction
- 3100 Highways, Roads, Bridges
- 3200 Land Development or Redevelopment

4000 Urban Runoff/Stormwater
- 4190 Municipal
- 4191 Commercial
- 4192 Residential (non-commercial automotive/pet waste/etc.)
- 4400 Illicit Connections/Illegal Hookups
- 4450 Dry Weather Flows
- 4500 Highway/Road/Bridge Runoff
- 4590 Post Development Erosion and Sedimentation
- 4650 Salt Storage Sites

5000 Resource Extraction
- 5100 Surface Mining
- 5200 Subsurface Mining
- 5290 Open Pit Mining
- 5300 Placer Mining
- 5400 Dredge Mining
- 5500 Petroleum Activities
- 5600 Mill Tailings
- 5700 Mine Tailings
- 5800 Abandoned Mine Drainage
- 5990 Sand/Gravel Mining

6000 Land Disposal/Storage/Treatment
- 6200 Wastewater
- 6300 Landfills
- 6350 Inappropriate Waste Disposal
- 6400 Industrial Land Management
- 6500 On-site/Decentralized Wastewater Treatment
- 6600 Hazardous Waste
- 6700 Septage Disposal
- 6800 Waste Storage/Storage Tank Leaks (above ground)
- 6900 Waste Storage/Storage Tank Leaks (underground)

7000 Hydrologic Modification
- 7100 Channelization
- 7190 Channel Erosion/Incision
- 7200 Dredging
- 7300 Dam Construction
- 7350 Upstream Impoundment
- 7400 Flow Regulations/Modification
- 7550 Other Habitat Modification
- 7600 Removal of Riparian Vegetation
- 7700 Streambank or shoreline Modification/Destabilization
- 7800 Drainage/Filling of Wetlands
- 7850 Groundwater Withdrawal

7900 Marinas and Recreational Boating
- 7990 Pumpouts
- 7991 Sanitary On-Vessel Discharges
- 7992 Other On-Vessel Discharges
- 7994 Boat Construction
- 7995 Boat Maintenance
- 7996 Shoreline Erosion
- 7997 Fueling
- 7998 Dredging

8500 Historical Pollutants
- 8590 Contaminated Sediments
- 8591 Clean Sediments
- 8592 Other Historical Pollutants

0000 All Sources listed Above

8000 Other NPS Pollution
- 8050 Erosion for Derelict Land
- 8100 Atmospheric Deposition
- 8400 Spills
- 8600 Natural Sources
- 8910 Groundwater Loadings
- 8950 Wildlife

8700 Turf Management
- 8700 Recreation and Tourism Activities
- 8710 Golf Courses
- 8790 Yard Maintenance
- 8791 Other Turf Management

Source: USEPA Grant Reporting and Tracking System Guidance, 2003.