

WATERSHED DEVELOPMENT AND PLANNING ASSISTANCE GRANT APPLICATION

Iowa Department of Agriculture & Land Stewardship – Division of Soil Conservation

Preliminary Project Title:

Applicant:

Contact Person: Name:

Phone:

Address:

FAX:

Email:

Please provide brief, yet complete as possible responses to the following set of questions.

Your Basin Coordinator can offer assistance with your responses.

1. Please describe the physical characteristics of the watershed as well as the water quality or watershed problem(s) your soil and water conservation district is attempting to address. Be sure to include a summary of any data providing evidence of the problem to be addressed. Also indicate the impact the problem is having on the environment, the watershed stakeholders, and the public.

2. If the waterbody being addressed is on EPA's 303(d) List of Impaired Waters, please describe the impact and cause (if available) of the impairment. If the waterbody is on the List, has a Total Maximum Daily Load (TMDL) been completed on the waterbody, or when is one scheduled to be completed? Based upon information in the TMDL, what are the major pollutant sources? How will this project attempt to assess these sources? If the waterbody is not on the List, please describe the problems and significance of the waterbody. For example, is it a drinking water source? Is it a major recreation area? Is it listed as one of Iowa's priority lakes or streams? What is the designated use(s)? Are future renovations planned for the waterbody?

3. In order to identify the critical source areas contributing the most to the identified watershed problem, a large part of the Watershed Development and Planning Assistance Grant will be to complete a detailed watershed assessment to identify and assess all potential threats to the watershed. Additional assessment information such as landowner and community interest within the watershed and the financial support from the watershed partners are also very important to know. The Division of Soil Conservation (DSC), Department of Natural Resources (DNR), and the USDA Natural Resources Conservation Service (NRCS) staff may be available to assist your district with this process. However, for now, please describe the level of assessment that has already been completed.

4. Effectively developing a watershed project is a complex process involving many steps, which have to be completed in a specified order to further the planning process. Please use the chart below to identify and schedule your proposed activities (i.e. stakeholder surveys, GIS-based watershed assessment, information and education efforts, application development, etc.). Place an “X” in the appropriate box(es) to indicate the time frame when the specific activity begins and when it will end:

Identify a start date: __/__/____(up to 90 days will be needed for development of a plan of work and budget prior to starting)

Specific Activities to be completed	Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12	Month 13	Month 14	Month 15

5. Please describe the level of technical and financial support your district has secured from other federal, state and local agencies, organizations, or groups to develop your proposed project.

6. It is recognized that each district has different personnel and financial resources available to complete activities associated with developing a thorough watershed project and assessment. Please describe what type of financial and/or technical assistance your district is requesting based on the specific activities you have proposed to complete in question 4.

7. Please describe the objectives the district ultimately plans to accomplish through this project. You may also include any other important aspects of your proposed project that your district believes would be relevant to your application. If a watershed improvement project was previously completed on this water resource, when did the project end? Summarize the results and outcomes of the project. What has changed in the watershed to justify another watershed improvement project? If a Watershed Development and Planning Assistance Grant application has been submitted previously for the water resource but not funded, identify what changes in the grant application have been made.

Attachments such as maps or other relevant information, although not required, can be attached to the proposal to assist reviewers with their evaluation.

Water Monitoring Supplement Application

Watershed Development and Planning Assistance Grant

Background Information:

Purpose:

The purpose of this grant is to provide funding to local Soil and Water Conservation Districts to conduct water monitoring of a lake, river or stream segment. This monitoring will help identify pollutants causing water quality impairments and critical areas contributing the highest pollutant loads to the waterbody. The water monitoring information may be used to help develop a watershed management plan designed to achieve water quality improvements.

Project Requirement:

The **Water Monitoring Supplement** application is required along with your IDALS- DSC Watershed Development and Planning Assistance Grant Application *only* if you are requesting additional funding to conduct water monitoring activities.

Waterbody Eligibility:

Water monitoring activities are limited to surface waters (i.e., rivers, streams, lakes, etc.) and may include chemical, physical and biological monitoring activities. The waterbody being addressed **MUST** be listed as *impaired*. If a waterbody does not fully meet its water quality criteria, and is thus assessed as impaired in the State of Iowa Integrated Report, it is either placed on Iowa's 2008 Section 303(d) list (Category 5 of Iowa's Integrated Report) or in Category 4 of the 2008 Integrated Report. Category 4 waters are assessed as impaired but, for one of several reasons, these waters do not need a TMDL (Total Maximum Daily Load) report, or Water Quality Improvement Plan. For more information on impaired waters, refer to the following webpage:

<http://wqm.igsb.uiowa.edu/WQA/303d.html>

Please attach a map of the watershed that drains directly to the waterbody that shows tributaries, roads and areas of special concern.

Selection Process:

If the Watershed Development and Planning Assistance Grant application is selected for funding, then that application's Water Monitoring Supplement will be reviewed by staff from the DNR Watershed Monitoring and Assessment Section and DNR Watershed Improvement Section. If the supplement application is approved by DNR, then:

- DNR Watershed Improvement Section will notify the applicant of the award for the water monitoring portion of project activities
- DNR Water Monitoring and Assessment Section will meet with the applicant to develop a water monitoring plan
- DNR Watershed Improvement Section will award Section 319 funding for water monitoring activities specified in the approved water monitoring plan

DNR staff may contact applicants to clarify and discuss potential changes to proposed monitoring activities prior to awarding a project grant. DNR may also choose to award water monitoring grants for amounts different than requested in the application.

Water Monitoring Supplement Application Watershed Development and Planning Assistance Grant

Application Form:

Please provide the following information in narrative format:

- 1) Organization name and contact information (address, phone, email)
- 2) Waterbody to be monitored, its location, impairments listed, and causes of impairment (from the following webpage): <http://wqm.igsb.uiowa.edu/WQA/303d.html>
- 3) How will monitoring aid in the watershed improvement planning process? (Defining the purpose of the monitoring is the backbone of any monitoring activity. Once this question is answered, other questions about the monitoring are easily understood.)
- 4) How long do you propose to monitor the watershed?
- 5) A portion of the monitoring cost is labor; does the applicant have existing staff available to collect the samples? If so, how much time is the applicant willing to commit? (Two to five days is the normal amount of time required per month)
- 6) If the applicant has any priority areas within the watershed that may be of special concern/interest, please indicate.

For More Information:

If you have any questions about the Water Monitoring Supplement application requirements, please contact:

Steve Hopkins, Coordinator
Nonpoint Source Program
DNR Watershed Improvement Section
502 E. 9th St.
Des Moines, IA 50319
(515) 281-6402
Email: Stephen.hopkins@dnr.iowa.gov