

PROJECT SUMMARY SHEET

PROJECT TITLE NAME: **303(d) Watershed Planning and Assistance Project**

NAME, ADDRESS, PHONE AND E-MAIL OF LEAD PROJECT

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SPONSOR/SUBGRANTEE
South Dakota Association of Conservation Districts

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WATERSHED: **South Dakota Statewide**

HYDROLOGIC UNIT CODE: HIGH PRIORITY WATERSHED (yes/no):
Yes

TMDL Development () and/or Implementation (X) (check any that apply)

PROJECT TYPES	WATER BODY TYPES	NPS CATEGORY
<input type="checkbox"/> STAFFING & SUPPORT	<input type="checkbox"/> GROUNDWATER	<input checked="" type="checkbox"/> AGRICULTURE
<input checked="" type="checkbox"/> WATERSHED	<input checked="" type="checkbox"/> LAKES/RESERVOIRS	<input type="checkbox"/> URBAN RUNOFF
<input type="checkbox"/> GROUNDWATER	<input checked="" type="checkbox"/> RIVERS	<input checked="" type="checkbox"/> SILVICULTURE
<input type="checkbox"/> I & E	<input checked="" type="checkbox"/> STREAMS	<input type="checkbox"/> CONSTRUCTION
<input type="checkbox"/> WETLANDS	<input type="checkbox"/> RESOURCE	<input type="checkbox"/> STOWAGE
	EXTRACTION	LAND DISPOSAL
<input type="checkbox"/> HYDRO MODIFICATION	<input type="checkbox"/> OTHER	

PROJECT LOCATION:
All South Dakota

SUMMARIZATION OF MAJOR GOALS:
The goal of this project is to provide accelerated planning, design and implementation of agricultural Best Management Practices in selected 303(d)-listed water bodies in South Dakota. The project will also provide information and education to local landowners, youth, communities, other agency personnel, consultants and the general public to provide a better understanding of use, function and technical design of these Best Management Practices and their related water quality benefits.

PROJECT DESCRIPTION:
The project will provide eight resource management specialists and a supervisor that provide planning, design and implementation of Best Management Practices that improve water quality, to landowners in selected 303(d)-listed impaired water bodies in South Dakota. The South Dakota Association of Conservation Districts (SDACD) will employ them and provide them office space, vehicles, equipment, etc. The Natural Resource Conservation Service (NRCS) will provide them training in NRCS standardized planning practices and Farm Bill related documentation. NRCS will also allow them access to their office files so they can locate maps, soils data, check existing planning, etc. The South Dakota Department of Environment and Natural Resources will provide them with targeting information from their watershed assessments and training in assessment techniques. Engineering for animal waste management systems will be out sourced to private consultants.

FY 2002/2003 319 funds requested (incremental) 2002= \$1308181 Required Match \$ 1,966,668
(incremental) 2003= \$1641,819
Other Federal Funds \$18,680,921 Total project cost \$ 28,547,995

319 Funded Full Time Personnel: 9

303(d) Watershed Planning and Assistance Project

2.0 STATEMENT OF NEED

Many landowners in watersheds of impaired water bodies are agreeable to implementing agricultural Best Management Practices which improve water quality, especially with present day funding opportunities, but do not have the time or the information to participate in available programs. Technical assistance is needed by the landowners to plan the practices and obtain proper documentation to become eligible for cost-share assistance. Previous experience in South Dakota watershed projects has shown that one-on-one technical assistance is the critical factor in improving watershed water quality.

2.1 Project Need and Problems

The South Dakota FFY2002 303(d) list of impaired water bodies includes 59 lakes and 14 river/stream segments that are impaired because of nonpoint sources. The South Dakota Association of Conservation Districts (SDACD) has seven administrative areas (Map 1) and has sorted these 303(d)-listed water bodies by area. The list includes the parameters that are causing the impairment. In most cases, implementation of selected agricultural Best Management Practices in the watersheds will eliminate or substantially reduce the listed water quality impairments.

South Dakota has been using an excellent process for improving impaired water bodies. The process includes assessment of the water body and watershed using monitoring and modeling, calculation of TMDLs and watershed project planning and implementation. This is a lengthy process, commonly taking three or more years to get an approved TMDL. Recent passage of the new farm bill has greatly increased the amount of cost-share funds for agricultural Best Management Practices. These funds will only be available through FFY 2007. This means that if we follow the current SDDENR process for impaired water bodies, we will miss much of the opportunity to target farm bill funds to solving our water quality problems.

This project will begin Best Management Practice implementation to address nonpoint sources of impairment in twenty-five of these 303(d)-listed water bodies while assessments and TMDLs are completed.

2.2 Water Body Names and General Description

COTEAU AREA - Nine Mile Lake/ South Buffalo Lake/ South Red Iron Lake (watershed area = 43,385 acres), White Lake (watershed area = 22,348 acres)

HILLS AREA – Belle Fourche River (watershed area in SD = 2,103,040 acres), Bear Butte Creek

NORTHWEST AREA – Coal Springs Reservoir, Dewberry Dam, Flat Creek Lake, Lake Isabel

PRAIRIE AREA – Brakke Dam (watershed area = 14,435 acres), Fate Dam (watershed area = 16,957

acres), Freeman Lake (watershed area = 3,409 acres), Hayes Lake (watershed = 30,406 acres), Lake Waggoner (watershed = 37,018 acres)

Combined watersheds = 102,225 acres

SOUTH JAMES AREA – Academy Lake (watershed area = 19,880 acres), Lake Andes (watershed area = 141,031 acres), Corsica Lake (watershed area = 56,038 acres), Dante Lake (watershed area = 2,844 acres), Geddes Lake (watershed = 76,476 acres), Lake Platte (watershed area = 368,502 acres)

Combined watersheds = 664,771 acres

VERMILLION / BIG SIOUX AREA – Lake Preston, Lake Thompson, Whitewood Lake (total watershed area = 263,044 acres)

CENTRAL BIG SIOUX RIVER CORRIDOR (2 resource management specialists for AFOs) - Big Sioux River from Watertown to Brandon.

Programs that will be most likely used to fund implementation of this effort are Continuous Sign-up Conservation Reserve Program (CRP), Wildlife Habitat Improvement Program (WHIP), Environmental Quality Incentives Program (EQIP), Wetland Reserve Program (WRP) and Pheasants Forever.

2.3 Maps

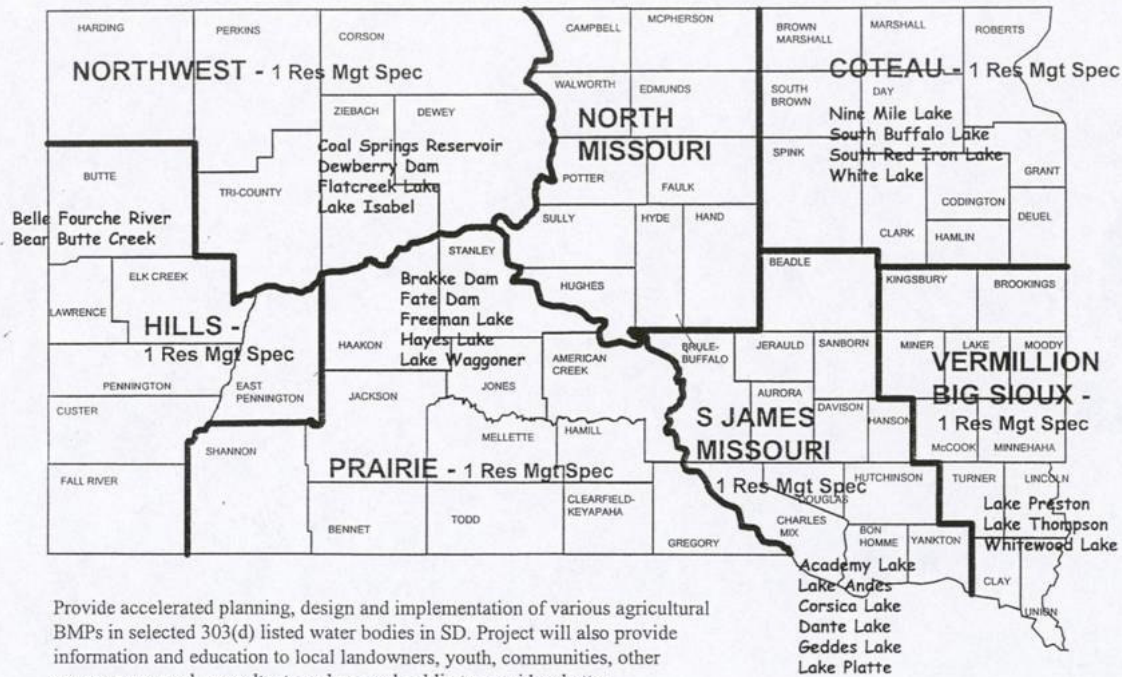
Maps for each of the twenty-five watersheds will be provided by DENR. Where available, DENR will provide ANNAGNPS maps of each watershed listed above to include the identified critical cells and ANNAGNPS rankings of all AFOs evaluated.

2.4 General Watershed Information

Watershed information is provided in the individual assessment project implementation plans for each of the twenty-five named watersheds. These are all agricultural watersheds and have a combination of row crops, small grains, grazing and animal feeding operations. Early assessment results suggest that animal waste is a considerable contributor to the nonpoint source problems. All of the lake watersheds listed are impaired by excessive phosphorous. The Belle Fourche River is impaired by suspended solids. Bear Butte Creek is impaired by high temperatures. The central Big Sioux River is impaired by suspended solids and fecal coliform bacteria concentrations.

303(d) Watershed Planning & Assistance Project

2 Res Mgt Spec
AFOs Central Big Sioux Corridor
(Watertown to Brandon)



Provide accelerated planning, design and implementation of various agricultural BMPs in selected 303(d) listed water bodies in SD. Project will also provide information and education to local landowners, youth, communities, other agency personnel, consultants and general public to provide a better understanding of use, function, and technical design of these BMPs and their related water quality benefits.

3.0 PROJECT DESCRIPTION

SDACD will place a resource management specialist in each of six of its seven areas to provide one-on-one technical assistance to landowners in watersheds of selected 303(d) listed water bodies. Two additional resource management specialists will be placed in the Big Sioux River Basin to work specifically with animal feeding operations. The specialists will contact owners of lands shown to have a high probability of contributing pollutants to the impaired water bodies, provide them information about the watershed impairment and how Best Management Practices can improve their operation. The specialists will assist landowners in planning selected Best Management Practice applications and assist in preparing the applications and documentation for government assistance programs. For engineering design of animal waste management systems, SDACD will contract with consulting engineering firms. There will also be a program manager who will supervise the resource management specialists as well as the 319 funded staff on the other 319 funded SDACD technical assistance teams (buffer sales, grasslands management, animal nutrient design). Additionally, the program manager may assist in the general grant administration, tracking, and reporting for the 319 funded technical teams.

Each resource management specialist will work with landowners and operators to plan Best Management Practices and resource management systems to reduce nonpoint source inputs to the 303(d) listed water bodies in his/her area as listed in 2.2. Each will also be available to assist conservation

districts in preparing strategies to abate nonpoint source problems in other 303(d) listed water bodies in his/her area.

To the extent possible, the resource management specialists will use ANNAGNPS information and AFO rankings to target their efforts. The specialists will work with landowners to install those selected BMPs which do the most to improve water quality. Only when they have exhausted their efforts in the ANNAGNPS critical cells and with ANNAGNPS identified problem AFOs, will they contact other landowners outside critical cells. In all cases, the specialists will work with those BMPs which are directly related to water quality improvements. In most cases, DENR expects to be able to provide the ANNAGNPS based targeting information early in the project. Once targeting information has been refined and the resource management specialists can define BMP needs that can not be met using USDA programs, additional 319 implementation funds will be requested for BMP cost share.

NRCS has agreed to train and certify the staff hired under this project through their regular staff training program in conservation planning and TOOLKIT. Initial training would be delivered in June 2003. Refresher courses and certification would be conducted after the third year. NRCS will also periodically offer additional training as it is offered to their staff. Project staff will be provided computers and software compatible with NRCS computer systems so that information can be regularly shared with minimal staff effort. Landowner confidentiality will be maintained to NRCS standards.

3.1 **Project Goal**

The goal of this project is to reduce nonpoint source inputs of problem parameters into selected 303(d) listed impaired water bodies so that water quality improves. This will be accomplished through accelerated planning, design and implementation of agricultural Best Management Practices. The project will also provide information and education to local landowners, youth, communities, other agency personnel, consultants and the general public to provide a better understanding of use, function and technical design of agricultural Best Management Practices and their related water quality benefits.

3.2 **Project Objectives and Tasks**

Objective 1. Recruit, hire and train a cadre of eight resource management specialists and their supervisor to assist landowners with planning and implementation of agricultural practices to reduce nonpoint source loadings to selected 303(d) listed water bodies.

Task 1. Recruit, interview, hire and employ nine staff for this project

Product: Nine project employees

Cost: \$1,528,140

EPA: \$1,158,140

Responsible Agencies

South Dakota Association of Conservation Districts

South Dakota Department of Environment and Natural Resources

Task 2. Train project staff in NRCS planning techniques and documentation practices so that plans prepared by them will be certifiable by NRCS for USDA funding. This includes the NRCS conservation planning course and TOOLKIT as well as training in 319 program strategies for TMDLs and grant documentation. Employees will attend NRCS refresher courses as needed but at least every three years. NRCS has also agreed to offer additional training as offered to their employees when available. Employees will attend annual DENR sponsored workshops for watershed coordinators and will also be trained by DENR in assessment techniques as needed.

Product: Nine trained/NRCS certified employees

Cost: \$54,000

EPA: \$18,000

Responsible Agencies

South Dakota Association of Conservation Districts

Natural Resources Conservation Service

South Dakota Department of Environment and Natural Resources

Objective 2. Implement progressive targeting to abate nonpoint sources of pollution in watersheds of selected 303(d) water bodies.

Task 3. Set initial target areas for agricultural BMPs in each watershed based on current DENR assessment information, expected practice funding and priority rankings, and local conservation district and USDA staff knowledge of sources.

Product: priority area maps for contact by resource management specialists

Responsible Agencies

South Dakota Association of Conservation Districts

South Dakota Department of Environment and Natural Resources

Natural Resources Conservation Service

Local Conservation Districts

East Dakota Water Development District

Task 4. Refine BMP targeting in project watersheds as DENR provides results of ANNAGNPS computer modeling and TMDLs.

Product: Refined priority area maps for contact by resource management specialists

Responsible Agencies

South Dakota Association of Conservation Districts

South Dakota Department of Environment and Natural Resources

Natural Resources Conservation Service

Local Conservation Districts

East Dakota Water Development District

Objective 3. Accelerate the planning, design, and implementation of agricultural BMPs in watersheds selected 303(d) water bodies.

Task 5. Create an awareness of project goals and objectives through media presentations in local news sources and mailings. Staff will also attend and make presentations at meetings of local work groups, USDA State Technical Committee, NPS Task Force, Conservation Commission, etc.

Product: 24 work group meetings, 56 News articles, web page

Cost: \$ 59,000 EPA: \$59,000

Responsible Agencies

South Dakota Association of Conservation Districts
Local Conservation Districts

Task 6. SDACD will contract with one or more engineering consulting firms to provide engineering design including Comprehensive Nutrient Management Plans for 90 Animal Feeding Operations (AFOs). Sixty of these animal waste designs will be located in the Vermillion – Big Sioux Resource area. Engineering firms must have DENR approval and be certified by NRCS as a technical services provider. Contracts will be bid, negotiated, and managed by the SDACD main office staff.

Product: 4 sets annual engineering contracts

Cost: \$1,350,000 EPA: \$1,147,500

Responsible Agencies

South Dakota Association of Conservation Districts
Natural Resources Conservation Service
South Dakota Department of Environment and Natural Resources

Task 7. Contact owners and operators of lands targeted in Objective 2 to explain the project mission, services available, and available funding opportunities as well as the potential of their operation to contribute pollutants to the impaired water body.

Product: 1200 landowner contacts

Responsible Agencies

South Dakota Association of Conservation Districts

Natural Resources Conservation Service

Local Conservation Districts

Task 8. Provide planning of BMPs and systems (excluding the 60 AFO designs in the Vermillion – Big Sioux resource area) in the six SDACD regions to reduce targeted nonpoint source pollution which will meet the landowner / operator’s needs and meet USDA standards. Assistance will include help in providing adequate documentation to apply for USDA funding.

Product: 500 funding ready plans.

Responsible Agencies

South Dakota Association of Conservation Districts

Natural Resources Conservation Service

Local Conservation Districts

East Dakota Water Development District

City of Sioux Falls

Task 9. Funding and installation on approximately 90 percent of the plans developed in Task 8. Once funded, implementation assistance and oversight becomes the responsibility of the funding entity.

Product: 450 funded and installed plans

Cost: \$20,718,450 (\$46,041 ea.) EPA: \$0

Responsible Agencies

South Dakota Association of Conservation Districts

Natural Resources Conservation Service

Local Conservation Districts

East Dakota Water Development District

City of Sioux Falls

Task 10. In the Central Big Sioux River Corridor, design through consulting engineering firms, sixty animal waste systems and comprehensive nutrient management plans for AFOs and prepare funding applications. This project will provide 85% of the cost of the design.

Product: 60 AFO animal waste system designs and funding applications

Responsible Agencies

South Dakota Association of Conservation Districts
Natural Resources Conservation Service
Local Conservation Districts
East Dakota Water Development District
City of Sioux Falls

Task 11. Funding and installation approximately 90% of the plans developed in Task 10. Once funded, implementation assistance and oversight becomes the responsibility of the funding entity.

Product: 55 funded and installed AFO waste systems

Cost: \$4,141,445 (\$75,299 ea) EPA: \$0

Responsible Agencies

South Dakota Association of Conservation Districts
Natural Resources Conservation Service
Local Conservation Districts
East Dakota Water Development District
City of Sioux Falls

Objective 4. Document project progress and success in meeting TMDL goals.

Task 12. Produce a map of the location of all BMPs that have been funded through the specialists' efforts and if possible those installed through other efforts, using ARC View and TOOLKIT, and provide this information to DENR for loading reduction analysis. To track the success of this specific effort, BMPs installed in the watershed by the SDACD planning employees will need a unique identifier. These BMP maps will allow DENR to calculate project load reductions by watershed.

Product: BMP locational information.

Responsible Agencies

South Dakota Association of Conservation Districts
South Dakota Department of Environment and Natural Resources

Task 13. Provide semiannual project status reports to DENR for GRTS input and to SDACD areas. The reports shall quantify the results that have been achieved by each of the seven SDACD areas as well as the overall achievements of the project.

Product: GRTS ready reports semiannually to DENR prior to March 30 and

September 30 of each year.

Responsible Agencies

South Dakota Association of Conservation Districts
Natural Resources Conservation Service

Task 14. Produce a project final report meeting the Region VIII final report guidance.

Product: Final project report meeting Region VIII EPA guidance.

Responsible Agencies

South Dakota Association of Conservation Districts
Natural Resources Conservation Service

Objective 5. Assist conservation districts in preparing strategies to abate nonpoint source problems in other 303(d) listed water bodies.

Task 15. As requested by individual conservation districts, resource management specialists may assist the district in formulating strategies, finding resources and drafting applications for projects to abate nonpoint source water pollution in 303(d) water bodies not addressed specifically elsewhere in this project work plan.

Product: Assistance as requested by conservation districts reported by watershed name

Responsible Agencies

South Dakota Association of Conservation Districts
Local Conservation Districts

- 3.3 **Milestone Table** (attached)
- 3.4 No permits are required for this project's planning effort. When needed for project BMP implementation, appropriate water rights, building permits, 404 permits, etc. will be secured by the landowner working with the funding entity prior to practice implementation.
- 3.5 The SDACD is the lead sponsor for this project. SDACD has been a recipient of previous 319 Grants. The SDACD has received previous 319 Grants for several information and education projects, which have been completed satisfactorily. The Bootstraps Project, which is still in progress, and current Animal Nutrient Management Team and Buffer Team, and Grassland Management Team Projects are other projects that SDACD has sponsored.
- 3.6 The Natural Resources Conservation Service and Farm Service Agency will be responsible for ensuring best management practices cost- shared with USDA Farm Bill funds are operated

and maintained properly through their normal operations.

- 3.7 This project will plan but not implement the management practices. Responsibilities for protection of endangered and threatened species and environmental reviews remain with the entity funding the management practices. USDA has established practices in place for these responsibilities.

4.0 **COORDINATION PLAN**

4.1 Agencies and their responsibilities:

South Dakota Association of Conservation Districts - Local sponsor, employer of the resource management specialists and their supervisor, staff includes the Executive Director supervised by Board of Directors. SDACD will coordinate project activities, report on project activities and progress, voucher for grant funds, and provide record keeping. SDACD will make presentations at meetings of local work groups, State Technical Committee, NPS Task Force, Conservation Commission, etc. SDACD will solicit local conservation district staff and other local interest groups in targeting the delivery of technical assistance to landowners.

Conservation Districts – Provide office space, technical assistance, prioritization, public information assistance, host local meetings, coordinate with FACA committees for EQIP funding.

South Dakota Department of Game, Fish & Parks – Provides technical and financial assistance through several programs they administer. Coordination with the Pheasants Forever project.

Natural Resources Conservation Service - Technical assistance and training. Provide technical assistance, records and map access. Grant EQIP or WHIP contracts to producers.

Farm Service Agency – Financial assistance through their programs.

US Fish and Wildlife Service - technical and financial assistance through programs they administer.

US Environmental Protection Agency – Provision of 319 grant to South Dakota DENR, Project Implementation Plan approval, final report review.

SD DENR - Administers EPA 319 grant funds, project consultant for technical information and project planning as related to water quality including targeting information and provides training.

East Dakota Water Development District – technical (including targeting) and financial assistance for the animal waste systems effort in the Big Sioux River watershed.

City of Sioux Falls – technical (including targeting) and financial assistance for the animal waste systems effort in the Big Sioux River watershed.

4.2 **Project Support**

This project has received the support of the South Dakota Department of Environment and Natural Resources, South Dakota Board of Water and Natural Resources, SD Nonpoint Source Task Force, the SD Department of Game, Fish and Parks, SD Department of Agriculture, the conservation districts, Natural Resources Conservation Service, East Dakota Water Development District and the City of Sioux Falls.

4.3 **Coordination With Other Programs**

Pheasants Forever, in coordination with the Natural Resources Conservation Service and the South Dakota Department of Game, Fish and Parks, has placed wildlife habitat specialists in some areas of South Dakota to assist in wildlife habitat planning. Their activities will be coordinated with this project to avoid overlap and duplication.

The South Dakota Association of Conservation Districts will also provide information to and coordinate with the State Technical Committee and FACA committees to coordinate the funding through EQIP and WHIP.

4.4 **Non-Duplication of Efforts**

There are no other activities of this scope underway in South Dakota. This project is a coordinated effort between several local, state, and federal agencies that will provide guidance, technical assistance, and funding to reach the aforementioned goals effectively and without duplication. Pheasants Forever in coordination with the Natural Resources Conservation Service and the South Dakota Department of Game, Fish and Parks has placed wildlife habitat specialists in some areas of South Dakota to assist in wildlife habitat planning. Their activities will be coordinated with the project to avoid overlap and duplication.

5.0 **EVALUATIONS AND MONITORING PLAN**

5.1 The evaluation and monitoring plan will consist of documentation of project activities and best management practice implementation. DENR will be responsible for reporting load reductions to GRTS based on BMP implementation information provided through Task 12.

5.2 No water sampling will be conducted during this implementation project. A sampling and analysis plan will not be developed.

5.3 The resource management specialists will document all project activities, and report on these activities semi-annually to the resource management supervisor who will consolidate the material and submit a semi-annual and an annual report to the SDACD Executive Secretary. The annual report will be prepared and released by October 31 of each year during the proposed project. The semi-annual and annual report will be sent to all local, tribal, state, and federal agencies and organizations in the project area. This report will also be posted on the SDACD web site. Project activities and accomplishments will also be reported at the annual SDACD Convention.

Project activities to be documented include:

- On-farm visits and landowner/operator contacts.
- Workshop and tour attendance.
- News releases and other media contacts (TV/Radio)
- Presentations/attendance at meetings where project activities are discussed.
(Conservation Boards, Sanitary Sewer Districts, Lake Associations)
- Implementation of best management practices
- Project Expenditures
- Local cash match and in-kind contributions
- Success / problems of using private engineering consultants

All data collected during this project, and all documentation of project activities and expenditures will be compiled in a final report to be written by the SDACD resource management supervisor. Copies will be sent to all agencies and organizations sponsoring the project. The final report will provide a complete picture of resource conditions and accomplishments at the conclusion of the planning and implementation project.

6.0 **BUDGET** (attached)

7.0 **PUBLIC INVOLVEMENT** (see task 5)

SDACD 303(d) Project Budget

FUNDING ENTITY	2003	2004	2005	2006	2007	2008	Total
EPA	\$ 512,815.00	\$ 645,480.00	\$ 722,551.00	\$ 859,885.00	\$ 196,184.00	\$ 13,085.00	\$ 2,950,000.00
USDA	\$ 18,000.00	\$ 3,728,985.00	\$ 3,728,984.00	\$ 3,746,984.00	\$ 3,728,984.00	\$ 3,728,984.00	\$ 18,680,921.00
EAST DAKOTA WDI	\$ 87,533.00	\$ 90,533.00	\$ 90,534.00	\$ 7,200.00	\$ 3,000.00	\$ -	\$ 278,800.00
SIOUX FALLS	\$ 40,000.00	\$ 40,000.00	\$ 40,000.00	\$ -	\$ -	\$ -	\$ 120,000.00
SDACD	\$ 14,700.00	\$ 25,200.00	\$ 25,200.00	\$ 25,200.00	\$ 10,500.00	\$ -	\$ 100,800.00
LANDOWNER	\$ 45,000.00	\$ 1,287,994.00	\$ 1,299,245.00	\$ 1,299,245.00	\$ 1,242,995.00	\$ 1,242,995.00	\$ 6,417,474.00
TOTAL	\$ 704,961.00	\$ 5,792,022.00	\$ 5,880,344.00	\$ 5,912,343.00	\$ 5,155,492.00	\$ 4,971,979.00	\$ 28,547,995.00

SDACD 303(d) Project Budget								
	2003	2004	2005	2006	2007	2008	TOTAL	
Vehicles	\$41,400.00	\$62,100.00	\$62,100.00	\$62,100.00	\$20,700.00	\$0.00	\$248,400.00	
Lease (9 vehicles)	\$21,600.00	\$32,400.00	\$32,400.00	\$32,400.00	\$10,800.00		\$129,600.00	
Fuel/oil	\$18,000.00	\$27,000.00	\$27,000.00	\$27,000.00	\$9,000.00		\$108,000.00	
Repair/service	\$1,800.00	\$2,700.00	\$2,700.00	\$2,700.00	\$900.00		\$10,800.00	
Operation	\$82,410.00	\$61,160.00	\$61,160.00	\$61,160.00	\$19,820.00		\$285,710.00	
Office Supplies	\$1,800.00	\$1,800.00	\$1,800.00	\$1,800.00			\$7,200.00	
Postage	\$300.00	\$450.00	\$450.00	\$450.00	\$150.00		\$1,800.00	
Cell phone service	\$5,400.00	\$8,100.00	\$8,100.00	\$8,100.00	\$2,700.00		\$32,400.00	
File cabinets	\$500.00						\$500.00	
Computers	\$16,700.00						\$16,700.00	
Computer Maintenance	\$200.00	\$200.00	\$200.00	\$200.00	\$200.00		\$1,000.00	
Software	\$9,000.00						\$9,000.00	
Internet Service	\$1,440.00	\$2,160.00	\$2,160.00	\$2,160.00	\$720.00		\$8,640.00	
ARC View	\$10,800.00						\$10,800.00	
Brief Cases	\$180.00						\$180.00	
Calculators	\$90.00						\$90.00	
Cameras	\$1,800.00						\$1,800.00	
Office space with Furniture	\$21,600.00	\$32,400.00	\$32,400.00	\$32,400.00	\$10,800.00		\$129,600.00	
Publications/References	\$300.00	\$300.00	\$300.00	\$300.00			\$1,200.00	
Lodging	\$3,000.00	\$4,500.00	\$4,500.00	\$4,500.00	\$1,500.00		\$18,000.00	
Maps	\$1,800.00						\$1,800.00	
Insurance	\$7,500.00	\$11,250.00	\$11,250.00	\$11,250.00	\$3,750.00		\$45,000.00	
Audits		\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00		\$20,000.00	
Personnel (9)	\$240,650.00	\$370,785.00	\$384,105.00	\$398,105.00	\$134,495.00	\$0.00	\$1,528,140.00	
Salary	\$199,480.00	\$308,626.00	\$317,884.00	\$327,421.00	\$110,212.00		\$1,263,623.00	
Payroll tax	\$15,260.00	\$23,610.00	\$24,318.00	\$25,048.00	\$8,431.00		\$96,667.00	
Health insurance	\$17,496.00	\$25,645.00	\$28,721.00	\$32,168.00	\$11,330.00		\$115,360.00	
Workmans comp	\$2,100.00	\$3,150.00	\$3,150.00	\$3,150.00	\$1,051.00		\$12,601.00	
Unemployment Insurance	\$330.00	\$495.00	\$495.00	\$495.00	\$165.00		\$1,980.00	
Retirement	\$5,984.00	\$9,259.00	\$9,537.00	\$9,823.00	\$3,306.00		\$37,909.00	
Training	\$22,500.00	\$4,500.00	\$4,500.00	\$22,500.00	\$0.00	\$0.00	\$54,000.00	
NonNRCS & Travel to NRCS	\$4,500.00	\$4,500.00	\$4,500.00	\$4,500.00			\$18,000.00	
NRCS Sponsored	\$18,000.00			\$18,000.00			\$36,000.00	
I&E	\$15,000.00	\$13,500.00	\$13,500.00	\$13,500.00	\$3,500.00	\$0.00	\$59,000.00	
Contract assistance	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00			\$40,000.00	
Travel	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00		\$15,000.00	
Website	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00		\$2,500.00	
Tabletop exhibit	\$1,500.00						\$1,500.00	
Engineering	\$300,000.00	\$300,000.00	\$375,000.00	\$375,000.00			\$1,350,000.00	
(90 systems@ \$15,000ea)								
Legal services	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00			\$12,000.00	
Implementation		\$4,971,979.00	\$4,971,979.00	\$4,971,979.00	\$4,971,979.00	\$4,971,979.00	\$24,859,895.00	
Watershed BMPs (450@\$46,041ea)		\$4,143,690.00	\$4,143,690.00	\$4,143,690.00	\$4,143,690.00	\$4,143,690.00	\$20,718,450.00	
Anwst BMPs (55@\$75,299ea)		\$828,289.00	\$828,289.00	\$828,289.00	\$828,289.00	\$828,289.00	\$4,141,445.00	
Administration (4.6% of grant)	\$13,085.00	\$26,170.00	\$26,170.00	\$26,170.00	\$26,170.00	\$13,085.00	\$130,850.00	
TOTAL	\$704,960.00	\$5,792,024.00	\$5,880,344.00	\$5,912,344.00	\$5,155,494.00	\$4,971,979.00	\$28,547,995.00	

SDACD 303(d) Project Budget							
		319	SDACD	EDWDD (\$250k/3yr)	Sioux Falls (\$120k/3yr)	USDA	Landowner
Vehicles		\$248,400.00					
	Lease (9 vehicles)	\$129,600.00					
	Fuel/oil	\$108,000.00					
	Repair/service	\$10,800.00					
Operation		\$156,110.00	\$100,800.00	\$28,800.00	\$0.00	\$0.00	\$0.00
	Office Supplies	\$7,200.00					
	Postage	\$1,800.00					
	Cell phone service	\$32,400.00					
	File cabinets	\$500.00					
	Computers	\$16,700.00					
	Computer Maintenance	\$1,000.00					
	Software	\$9,000.00					
	Internet Service	\$8,640.00					
	ARC View	\$10,800.00					
	Brief Cases	\$180.00					
	Calculators	\$90.00					
	Cameras	\$1,800.00					
	Office space with Furniture		\$100,800.00	\$28,800.00			
	Publications/References	\$1,200.00					
	Lodging	\$18,000.00					
	Maps	\$1,800.00					
	Insurance	\$45,000.00					
Audits		\$20,000.00					
Personnel (9)		\$1,158,140.00	\$0.00	\$250,000.00	\$120,000.00	\$0.00	\$0.00
	Salary	\$893,623.00		\$250,000.00	\$120,000.00		
	Payroll tax	\$96,667.00					
	Health insurance	\$115,360.00					
	Workmans comp	\$12,601.00					
	Unemployment Insurance	\$1,980.00					
	Retirement	\$37,909.00					
Training		\$18,000.00	\$0.00	\$0.00	\$0.00	\$36,000.00	\$0.00
	NonNRCS & Travel to NRCS	\$18,000.00					
	NRCS Sponsored					\$36,000.00	
I&E		\$59,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	Contract assistance	\$40,000.00					
	Travel	\$15,000.00					
	Website	\$2,500.00					
	Tabletop exhibit	\$1,500.00					
Engineering (90 systems@ \$15,000ea)		\$1,147,500.00					\$202,500.00
Legal services		\$12,000.00					
Implementation		\$0.00	\$0.00	\$0.00	\$0.00	\$18,644,921.25	\$6,214,973.75
	Watershed BMPs (450@\$46,041ea)					\$15,538,837.50	\$5,179,612.50
	Anwst BMPs (55@\$75,299ea)					\$3,106,083.75	\$1,035,361.25
Administration (4.6% of grant)		\$130,850.00					
TOTAL		\$2,950,000.00	\$100,800.00	\$278,800.00	\$120,000.00	\$18,680,921.00	\$6,417,474.00

