

November 8, 2013

TO: Nonpoint Source Task Force

FROM: Pete Jahraus, Nonpoint Source Program Coordinator

SUBJECT: December 3, 2013, NPS Task Force Meeting

Enclosed please find a summary of the 319 project applications, and the proposed agenda for the December 3, 2013, task force meeting. As indicated on the proposed agenda, the meeting:

- will be held in the Matthew Training Center located in the Joe Foss Building, 523 East Capitol Ave. Pierre, South Dakota, and
- is scheduled to begin at 9:00 AM, CST.

Please note that the Task Force will be making funding recommendations for the 319 grant applications. The applications are available at the following website:

<http://denr.sd.gov/dfta/wp/319apps/319applications.aspx>

The minutes of the April 8, 2013, meeting are available by visiting:

<http://denr.sd.gov/boards/2013/npstf0413minsd.pdf>

In the event paper copies are needed, please contact Vicki Hanson at 605.773.4254 or Vicki.hanson@state.sd.us.

Enclosures

AGENDA
NONPOINT SOURCE TASK FORCE
9:00 AM, CST
December 3, 2013

Matthew Training Center –
– Pierre, South Dakota

9:00 AM	<u>Opening and Introductions</u>	Jay Gilbertson
	Approval of Agenda	Jay Gilbertson
	Approval of Minutes	Jay Gilbertson
	Available Funds Overview	Jim Feeney
9:15	<u>319 Grant Application Presentations</u>	
	Belle Fourche River – Segment 6 Amendment	Belle Fourche River Ptnshp
	Evaluating Polyacrylamide in Reducing Pollution	SD State University
	Lewis & Clark Watershed – Segment 4	Randall RC&D
	NPS Information & Education – Segment 4	SD Discovery Center
	NE Glacial Lakes Project – Segment 3	Day Conservation District
	Spring Creek Watershed – Segment 2 Amendment	Pennington County
10:00	<i>SD NPS Program Management Plan Revision</i>	Dr. Helen Usera
12:00	Lunch	
1:00 PM	Recommendations for Funding	Jay Gilbertson
2:00	Other Items	Jay Gilbertson
	Adjourn	

Minutes of the
NONPOINT SOURCE TASK FORCE MEETING

Holiday Inn City Center
Sioux Falls, South Dakota
April 8, 2013

CALL TO ORDER: The meeting was called to order by Acting Chairman Jay Gilbertson, East Dakota Water Development District. See attached "sign-in-sheet" for a list of those in attendance.

INTRODUCTIONS/REMARKS: Acting Chairman Gilbertson asked for those in attendance to introduce themselves and state the organization they represent.

APPROVAL OF AGENDA: Pete Jahraus, Department of Environment and Natural Resources (DENR), informed the group of an addition to the agenda. The South Dakota Farmers Union has requested to become a member of the Nonpoint Source Task Force. Motion was made by Jim Feeney, DENR, to approve the agenda as amended; seconded by Angela Ehlers, SD Association of Conservation Districts (SDACD). Motion carried.

APPROVAL OF MINUTES: Motion by Paul Lepisto, Izaak Walton League, to approve the minutes of December 4, 2012 meeting; seconded by Les Labahn, Randall Resource Conservation and Development Council (Randall RC&D). Motion carried.

ELECTION OF NEW CHAIR: Jim Feeney asked for nominations for Chairman of the Nonpoint Source Task Force. Jay Gilbertson was nominated by David Clay, South Dakota State University (SDSU). Motion to elect Jay Gilbertson as Chairman was made by Les Labahn; seconded by Paul Lepisto. Motion carried.

ELECTION OF VICE CHAIR: Chairman Gilbertson asked for nominations for Vice Chair. David Clay nominated Judge Jessop, SDACD. Motion was made by Paul Lepisto to elect Judge Jessop; seconded by Dana Loseke, Sierra Club. Motion carried.

NEW CORE MEMBER: Jay Gilbertson asked the task force to consider the application from the South Dakota Farmers Union to become a core member. He informed the board of the criteria to add a core member.

1. Needs to be a statewide organization
2. Have an interest in water quality
3. Needs to show commitment to the process (the member needs to regularly attend the meetings, be willing to actively participate in the meeting and follow the protocols, guidelines, and procedures).
4. Has to receive majority vote of the core members.

Motion was made by Angela Ehlers to accept the South Dakota Farmers Union as a new core member of the Nonpoint Source Task Force; seconded by Lisa Richards, SD Corn Growers. Motion carried.

IOWA SOYBEAN GROWERS PRECISION AGRICULTURE: Todd Sutton, Operations Manager for the Environmental Programs and Services of Iowa Soybean Association, gave a presentation. Mr. Sutton's presentation is available on the digitally recorded minutes on the DENR website at <http://denr.sd.gov/boards/schedule.aspx>.

PRECISION AGRICULTURE IN SOUTH DAKOTA: David Clay, SDSU, gave a presentation. Mr. Clays' presentation is available on the digitally recorded minutes on the DENR website at <http://denr.sd.gov/boards/schedule.aspx>.

EQUIP AND PRECISIION AGRICULTURE IN SOUTH DAKOTA: Jennifer Wurtz, Natural Resources Conservation Service (NRCS), gave a presentation. Ms. Wurtzs' presentation is available on the digitally recorded minutes on the DENR website at <http://denr.sd.gov/boards/schedule.aspx>.

SOIL HEALTH DEMONSTRATION: NRCS Rainfall Simulator Demonstration.

WATER AS A CROP:Carolynn Leaman, Sand County Foundation, gave a power point presentation, a handout was provided.

STATE NPS MANAGEMENT PLAN UPDATE: Pete Jahraus updated the Task Force on the state NPS Management Plan, a handout was provided.

DATE FOR NEXT MEETING: The next meeting will be announced later.

Meeting adjourned.

DRAFT

April 8, 2013
NPS Task Force

PLEASE SIGN
IN

NAME	REPRESENTING
Jay Gilbertson	East Dakota WDD
Kay Kassube	"
Dea Rabala	SD Assoc. of RC/D Councils
Paul Lepisto	ZNAK Writen League
Jeremy Scheffers	DENR
Angela Ehlers	SDACD
Jesse Jessy	SDACD / SD6LL
Jack Majetes	Moody Co Cons Dist + CBSRW
Erikas HNOYUKU	LBST-EPO
Vaughn Big Eagle	LBST-EPO
Kay Kassube	EDWDD
Dana Gaska	SIERRA CLUB
Mike Kuck	SDACD
Matt Johnson	SDACD
Bonnie Dybedahl	Farm Bureau
Brian Scott	SD Dept. of Ag
Carolyn Leman	SCF - WAACTM
Mike Taxinger	SD Farmers Union
David Clau	SDSU
JENE LEANDERSON	SDSU - WRI
BARRY BERG	SDACD
Pete Jarvay	DENR
Tate Kuss	IA AUL

Name	Representing
Jim Feeney	DENR
Jennifer Wurtz	NRCS
Chris Hay	SDSU
Sybil Hy	RST Water Co.

**FFY 2014
319 PROJECT APPLICATION SUMMARIES**

**Belle Fourche River Watershed Management and Project Implementation Plan -
Segment 6 (Amendment)**

Total Cost: \$5,232,900

319 Grant Request: \$500,000

Project Description: The Belle Fourche River Watershed Partnership is the project sponsor for this 2-year project. This is the sixth segment of seven planned project segments that address a cluster of seven TMDLs. Completion of the activities planned for this segment will begin implementing BMPs that reduce *E. coli* and advance the BMP implementation for TSS pollutants to 65 percent complete. These BMPs include: (1) installing irrigation control units, (2) irrigation canal modeling, (3) lining irrigation canals, (4) replacing irrigation ditches with pipelines, (5) installing irrigation sprinkler systems, (6) implementing grazing management systems, (7) installing riparian vegetation improvements, (8) clean water diversion, (9) relocating livestock feeding grounds, and (10) developing alternatives for stormwater management.

**Evaluating the Effectiveness of Polyacrylamide Flocculation to Reduce
Suspended Solids, Bacteria, and Nutrients in Agricultural Runoff**

Total Cost: \$151,394

319 Grant Request: \$89,746

Project Description: South Dakota State University is the project sponsor. The proposed project will assess factors affecting PAM flocculation of a variety of agricultural soils in South Dakota. Based on the results of this project, we will identify the optimum PAM application conditions that will effectively control soil erosion and reduce TSS, bacteria, and nutrient loadings to surface water resources. The results of this project will help policy makers and producers make informed decisions regarding the use of PAM for agricultural runoff water quality control in South Dakota.

Lewis and Clark Watershed Implementation Project Segment 4

Total Cost: \$4,339,000

319 Grant Request: \$1,400,000

Project Description: The Randall Resource Conservation & Development Council is the project sponsor. This proposal is the fourth segment of a locally planned multi-year (10-15 year) effort to implement best management practices (BMPs) in the Lewis and Clark Lake watershed, Lake Andes, Geddes, Academy and Platte Lake Watersheds. The BMPs will target sources of sediment, nutrients, and fecal coliform bacteria. This

effort is aimed at restoring water quality to meet designated beneficial uses and address TMDLs established, and to be established, for water bodies in these watersheds.

Nonpoint Source Information & Education Project - Segment 4

Total Cost: \$647,675

319 Grant Request: \$370,500

Project Description: The South Dakota Discovery Center is the project sponsor. The goal of the South Dakota Non-Point Source Information and Education project is to promote and facilitate public understanding of watersheds and related management issues through the continued implementation of the comprehensive, coordinated statewide effort begun in 2004. Segment 4 is designed to continue providing South Dakota's citizen's information and education opportunities about nonpoint source pollution to in order to gain their support for and participation in non-point source pollution prevention and reduction practices. To achieve the goal, this project will focus on: outreach to South Dakota's adults using a combination of traditional and innovative methods; support of local and regional activities through a competitive mini-grants program; and increased teacher, student and adult awareness of and proficiency in watersheds and watershed protection.

Northeast Glacial Lakes Watershed Improvement and Protection Project – Segment 3

Total Cost: \$1,190,420

319 Grant Request: \$302,150

Project Description: The Day County Conservation District is the project sponsor. This is the third segment of a multi-year locally led effort to implement best management practices recommended by completed watershed assessments, and to build on previous efforts and protect water quality improvements realized from previous implementation projects. The goal of this project is to protect and improve the water quality of northeast South Dakota glacial lakes, streams and rivers by implementing best management practices that reduce the amount of fecal coliform bacteria, nutrients, and sediment loads entering project water bodies, maintaining their assigned beneficial uses.

**Spring Creek Watershed Management and implementation Project - Segment 2
(Amendment)**

Total Cost: \$1,417,806

319 Grant Request: \$348,000

Project Description: Pennington County is the project sponsor for this three-year 319 and Clean Water State Revolving Fund (CWSRF) project. This is the second of six planned segments. This project would continue implementation of the BMPs identified in the TMDL reports for the Spring Creek Watershed. Completion of the activities planned for this segment would advance the BMP implementation for fecal coliform bacteria to 8 percent completed. These BMPs include management of riparian zones, stormwater, forestry, grazing, lake improvement, and on-site wastewater treatment systems.



**NONPOINT SOURCE
PROGRAM MANAGEMENT PLAN
Pre-Planning Questionnaire**

1. As you think about the future for the NPS Task Force and the program management plan,
 - List two of the top opportunities available in the next five years:

 - List two key issues/challenges the task force must address during this timeframe:

 - List the leading factors that limit our success in reducing nonpoint source pollution:

 - Provide a list of new partners critical to the continued success of the task force:

2. Complete the following statement: *During the next five years, the NPS Task Force must achieve the following:*

- 3. What untapped resources (human resources, funding, collaborative opportunities, etc.) may be available to the task force?**

- 4. Currently, the program management plan is addressing the following well:**

- 5. To continue to achieve success, the program management plan must address the following:**

- 6. Provide any other information you would like to have incorporated into the program management plan:**