

AGENDA
NONPOINT SOURCE TASK FORCE
9:00 AM, CST
December 9, 2014

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	Pete Jahraus
9:15	<u>319 Grant Application Presentations</u>	
	Spring Creek Watershed – Segment 3	Pennington County
	Belle Fourche River – Segment 7	Belle Fourche Partnership
	Big Sioux River Watershed - Segment 3	Moody County Cons. Dist.
	Grasslands Mgmt. & Planning - Segment 4 (Amend)	SD Grasslands Coalition
10:15	Break	
10:30	Lewis & Clark Watershed – Segment 4 (Amend)	Randall RC&D
	Bacteria Identification Project	SDSM&T
11:00	EPA's 303(d) New Vision	Rich Hanson
11:30	Big Sioux River Case Study	David Hertle
11:45	National Rivers and Streams Assessment	Jesse Wilkens/Alan Wittmuss
12:00	Lunch	
1:00 PM	Recommendations for Funding	Jay Gilbertson
2:00	Other Items	Jay Gilbertson
	NPS Management Plan Update	Jay Gilbertson
	Adjourn	

Minutes of the
NONPOINT SOURCE TASK FORCE MEETING

Matthew Training Center, Foss Building
Pierre, South Dakota
December 3, 2013

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

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

APPROVAL OF AGENDA: Motion was made by Mike Traxinge, SD Farmers Union, to approve the agenda. Second by Paul Lepisto, Izaak Walton League. Motion carried.

APPROVAL OF MINUTES: Motion by Todd Kays, Planning Districts, to approve the minutes of April 8, 2013, meeting; second by Paul Lepisto, Izaak Walton League. Motion carried.

REVIEW OF AVAILABLE FUNDS: Pete Jahraus gave an overview of available funds. Handout was provided. Discussion followed.

319 GRANT APPLICATION PRESENTATIONS: 319 Grant application presentations were given by:

FFY 2014

319 PROJECT APPLICATION SUMMARIES

Tim Reich, 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 storm water management.

Guangui Hua, 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.

Rocky Knippling, 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.

Anne Lewis, 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.

**Dennis Skadson, 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.

**Brittney Molitor, 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.

SD NPS PROGRAM MANAGEMENT PLAN REVISION: Dr. Helen Usera

Jay Gilbertson introduced Dr. Helen Usera the facilitator for the review and revision of the SDNPS Program Management Plan.

Pete Jahraus reminded the group of the NPS Program Management Plan pre-planning questionnaire that had been sent out to be completed before the meeting.

RECOMMENDATIONS FOR FUNDING: Pete Jahraus presented the DENR staff recommendations for funding.

FFY 2014 319 NONPOINT SOURCE PROGRAM
FUNDING RECOMMENDATIONS

FFY 2014 FUNDING (FY-13 minus 5.0%)

NPS Program Funds	\$1,154,725
Watershed Project Funds	<u>\$1,154,725</u>
	\$2,309,450
DENR Staff & Support	<u>(\$600,000)</u>
Total 319 Available for Projects	\$1,709,450
CWSRF Water Quality Grants	<u>\$240,550</u>
Total Available for Pass Through	\$1,950,000

	Requested	Recommendations			
		DENR		Total	BWNR
		319	WQ Grants		
ASSESSMENTS PROJECTS					
Total Assessments	\$0				
IMPLEMENTATION PROJECTS					
Belle Fourche Watershed Segment 6 (Amendment)	\$500,000	\$420,000	\$80,000	\$500,000	
Evaluating Polyacrylamide in Reducing Pollution	\$89,746	\$0	\$0	\$0	
Lewis & Clark Watershed Segment 4	\$1,400,000	\$819,450	\$80,550	\$900,000	
Northeast Glacial Lakes Segment 3	\$302,150	\$220,000	\$80,000	\$300,000	
NPS Information & Education Segment 4	\$370,500	\$250,000	\$0	\$250,000	
Spring Creek Watershed Segment 2 (Amendment)	\$348,000	\$0	\$0	\$0	
Total Implementation	\$3,010,396	\$1,709,450	\$240,550	\$1,950,000	
BALANCE					
319 Funds	(\$1,300,946)				
319 plus CWSRF WQ	(\$1,060,396)				

TASK FORCE DETERMINATIONS: Motion made by Angela Ehlers, SDACD to accept the DENR staff recommendations and to submit the recommendations to the Board of Water & Natural Resources. Second by Todd Kays. Motion carried

TRIENNIAL REVIEW OF SD WATER QUALITY STANDARDS: Patrick Snyder, Surface Water Program, explained the process used for the Triennial review of the Water Quality Standards for EPA. Discussion followed.

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

Meeting adjourned.