

NONPOINT SOURCE 319(h) PROJECT PROGRESS REPORT FORM

Version 1.5

Federal Fiscal Year of project:

TODAY'S DATE:

HAS THE WORKPLAN BEEN AMENDED SINCE THE LAST GRTS REPORT?: Yes No

Please select which reporting period.

MIDYEAR REPORT?:

ANNUAL REPORT?:

QUARTERLY REPORT?:

PROJECT TITLE:

REPORT DATES: FROM:

TO:

STATE NAME:

ADDRESS:

ADDRESS:

CITY: STATE: ZIP:

PHONE: EXT:

FAX: EMAIL:

PREPARED BY:

MILESTONES COMPLETED

BMP	Unit	Total Expected	Total Implemented
Information and Education	Watershed Meetings	2	2
Information and Education	Workshops	2	1
Irrigation Water Management	ft Lining and Pipeline	2,500	0
Irrigation Water Management	ft of Pipeline Improvements	25,000	25,030
Irrigation Water Management	Sprinkler Systems	18	4
Water-Quality Management	None Defined	0	0
Information and Education	Watershed Meetings	2	2

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OVERALL PROJECT ACCOMPLISHMENTS

The Belle Fourche River Watershed Management and Project Implementation Plan Segment IV are on task and on budget. The emphasis in Segment IV was concentrated on producer irrigation implementation projects, canal and lateral lining, public outreach, and grant writing for future projects involving water quality in the Belle Fourche Watershed.

Progress was made to achieve all the task goals in the Segment IV Project Implementation Plan (PIP). The Belle Fourche River Watershed Partnership (BFRWP) board approved 13 farm producers for irrigation improvement practices. Eight of these projects are currently in progress including four sprinkler irrigation systems and 25,030 feet of pipeline for improved irrigation application in the watershed. The Belle Fourche Irrigation District (BFID) was funded by the Bureau of Reclamation to line an additional 5,280 feet of the inlet canal. This lining project will occur after the 2010 irrigation season and total suspended solid (TSS) reductions will be reported upon completion.

The BFRWP was actively involved in information and education activities in the watershed during this funding segment. Activities included a producer focused riparian school, three watersheds, educational radio advertisements, an improved Web site, and several soil-quality demonstrations using the BFRWP's soil-quality trailer.

Grant writing efforts were successful in securing implementation funds for range improvement practices in the watershed. The BFRWP secured a Cooperative Conservation Partnership Initiative (CCPI) grant from the Natural Resource Conservation Service (NRCS) for 3.5 million dollars over the next 5 years. Table 1 outlines the funds budgeted, utilized, and remaining in the Segment III Amendment.

Table 1. Funds Budgeted, Utilized, and Remaining in the Segment III Amendment.

Project Description	Consultants (\$)	USGS (\$)	Producer (\$)	Totals (\$)	Funds Utilized	Funds Remaining
Objective 1. Implement BMPs Recommended in the Belle Fourche River Watershed TMDL						
Task 1. Reduce Nonused Water						
Product 1. Improved Irrigation Water Delivery and Application 3,400 Ac-ft Reduction of Nonused Water						
1a. Line and Pipe Open Canals and Laterals	-	-	-	-		
1b. Install 18 Sprinkler Systems	-	-	305,000	305,000	163,576	141,424
Objective 2. Conduct Public Outreach and Education, Implementation Record Keeping, Report Writing, and Writing Future Grants						
Task 2. Project Management						
Product 2. Public Education and Outreach, Implementation Record Keeping, Report and Future Grant Writing	300,000	-	-	300,000	58,551	241,449
Objective 3. Complete Essential Water Quality Monitoring and Watershed Modeling						
Product 3. Monitor Water Quality	15,375	34,625	-	50,000	0	50,000
Other Watershed Improvement Projects	-	-	-	-		
Total	315,375	34,625	305,000	655,000	222,127	432,873

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OBJECTIVES/TASKS ACCOMPLISHMENTS

Objective 1. Implement Best Management Practices (BMPs) Recommended in the Belle Fourche River Watershed Total Maximum Daily Load (TMDL).

Task 1. Reduce Nonused Water. To date in this funding segment, the BFRWP board approved 13 farm producers for irrigation improvement practices. Of these projects, eight are in progress including four sprinkler irrigation systems and 25,030 feet of pipeline for improved irrigation application in the watershed. The remaining 5 projects are anticipated to get under way in early 2010 and continued interest has been expressed by local producers interested in applying for cost share funds.

The BFID was funded by the Bureau of Reclamation to line an additional 5,280 feet of the inlet canal. This lining project will take place after the 2010 irrigation season and total suspended solid (TSS) reductions will be reported upon completion.

Objective 2. Conduct Public Outreach Program, Monitor Water Quality, and Write Reports

Task 2. Conduct Public Outreach and Education, Implementation Record Keeping, Report Writing, and Writing Future Grants. The BFRWP was actively involved in information and education activities in the watershed during this funding segment. Activities included assisting a producer-focused riparian school educating ranchers, land managers, and agency employees on proper grazing practices on riparian areas; sponsoring a range camp for high school-age students; conducting over 10 soil-quality demonstrations using the soil-quality trailer; and conducting or sponsoring four watershed tours that included two tours showcasing improvements made in the BFID, one tour showcasing two area ranchers nominated for the Society for Range Management's Excellence in Grazing Management award, and one tour for the South Dakota Association of Conservation Districts annual meeting, making stops in the irrigation district and a rangeland stop. In addition, an information booth was present at the SDACD's annual conference; the BFRWP's Web site <www.bellefourchewatershed.org> was updated and received 125 hits from six different countries and 21 states; several radio advertisements were broadcasted in an attempt to draw people to the new Web site. The BFRWP also held two public meetings to discuss BFRWP business and update stakeholders.

Grant writing efforts were successful in securing implementation funds for range improvement practices in the watershed. The BFRWP secured an Cooperative Conservation Partnership Initiative (CCPI) grant from the Natural Resource Conservation Service (NRCS) for 3.5 million dollars over the next 5 years. Load reductions resulting from range implementation funded by CCPI will be reported annually.

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RSI-1793-09-008



Figure 1. Irrigation System in the Belle Fourche Irrigation District partially Funded With EPA 319 Dollars.

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Figure 2. Soil-Quality Demonstration at the Butte/Lawrence County Fair in Nisland, South Dakota.

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Figure 3. Tour of the Belle Fourche Irrigation District in August 2009.

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RSI-1793-09-011



Figure 4. Rangeland Tour Highlighting the Excellence in Grazing Management Award Winner in the Watershed.

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CONCLUSIONS

The project is on schedule and on budget.

Table 2. Load Reductions (Tons/Year) by Impaired Waterbody.

Segment IV	Pollution Reduction Target (overall TMDL goal)	Pollution Reduction Target (this project segment)	Current Year Pollution Reduction Achieved	Cumulative Pollutant Reductions Achieved
Belle Fourche River Alkali Creek to Mouth	289,910	7,693	11,497	11,497
Belle Fourche River Wyoming Border to Near Fruitdale	3,362	27	0	0
Belle Fourche River, Horse Creek to Confluence	2,033	141	267	267

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Please select the pollutant, and then enter the numerical amount, units, and whether it is a TMDL related pollutant. Click in gray areas for dropdown list.
NOTE: If Nitrogen and/or Phosphorus are chosen, units must be lbs/yr. If Sedimentation is chosen, units must be in tons/yr.

<u>Pollutant Type *</u>	<u>Pollutant Reduction Target</u>	<u>Current Year Pollutant Reduction</u>	<u>Cumulative Pollutant Reduction Achieved (Numerical)</u>	<u>Units</u>	<u>TMDL yes/no</u>
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POLLUTANTS:

ADDITIONAL POLLUTANTS:

SUSPENDED SOLIDS	7,693	11,497	11,497	Tons	YES
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Wetlands/Streambanks/Shorelines

Please select the appropriate item as it relates to the project or task. For this reporting period there should be an actual (when available) positive numerical value for each selection

- Wetlands Restored
- Wetlands Created
- Streambank and Shoreline Protection
- Stream Channel Stabilization

Description	Current Year	Cumulative Total	Units
Wetlands Restored			Acres
Wetlands Created			Acres
Streambank and Shoreline Protection			Feet
Stream Cannel Stabilization			Feet