

Belle Fourche River Watershed Partnership Segment IV Amendment



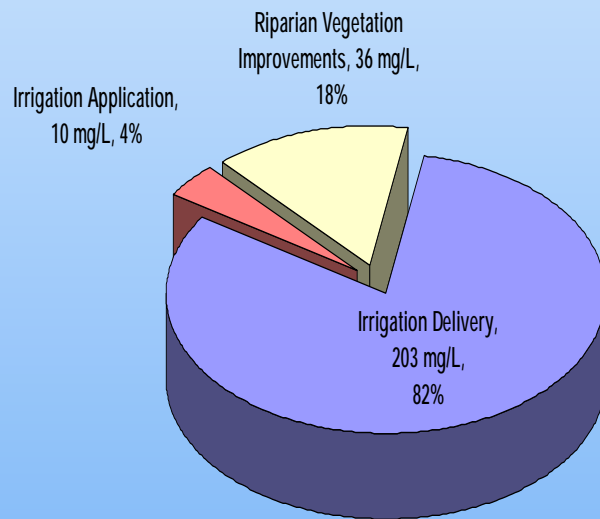
Nonpoint Source Task Force Meeting
Pierre, South Dakota

December 15, 2009

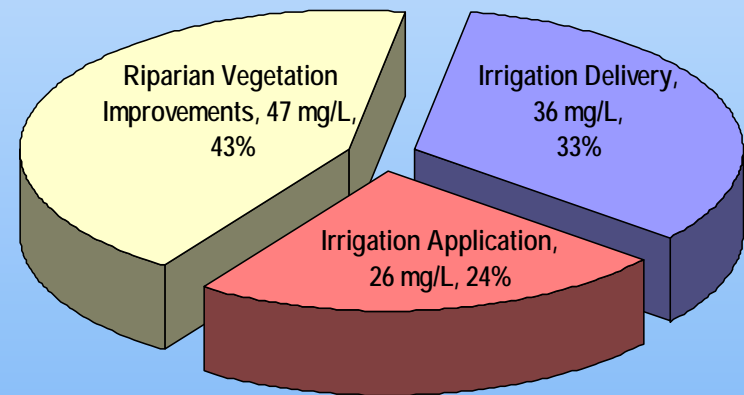


Belle Fourche River Watershed Partnership 10-Year Plan

■ Belle Fourche River and Horse Creek Impaired by Total Suspended Solids (TSS)



Above Orman Dam



Below Orman Dam

Irrigation District Projects Completed Through Segment III

- 29 Automated Gates
- 18 Real-Time Sites
- 10,000 Feet of Lining
- 11,000 Feet of Pipeline
- Upgraded Water Card Order System
- Operational Model for North and South Canal

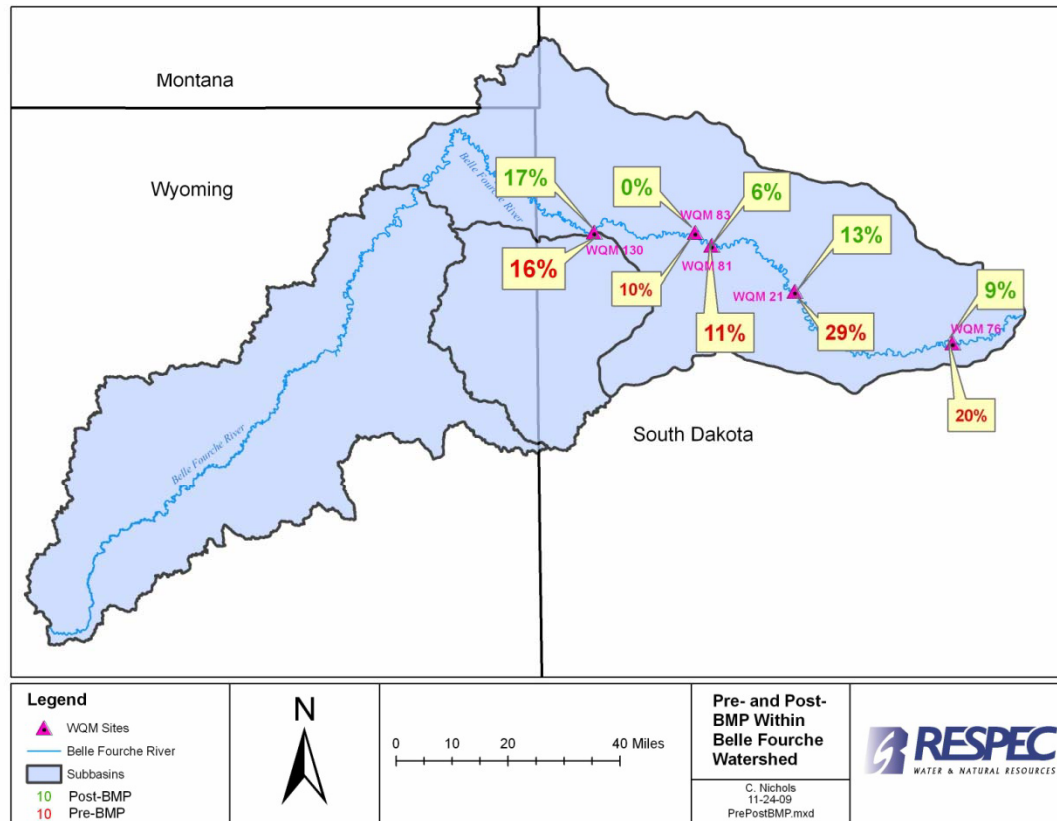


Producer Irrigation and Range Projects Completed Through Segment III

- 21 Center Pivots
- 24 Projects Converting Open Ditches to Pipeline
- 40 Range/Riparian Improvement Projects
Effecting Over 300,000 Acres



TSS Reductions



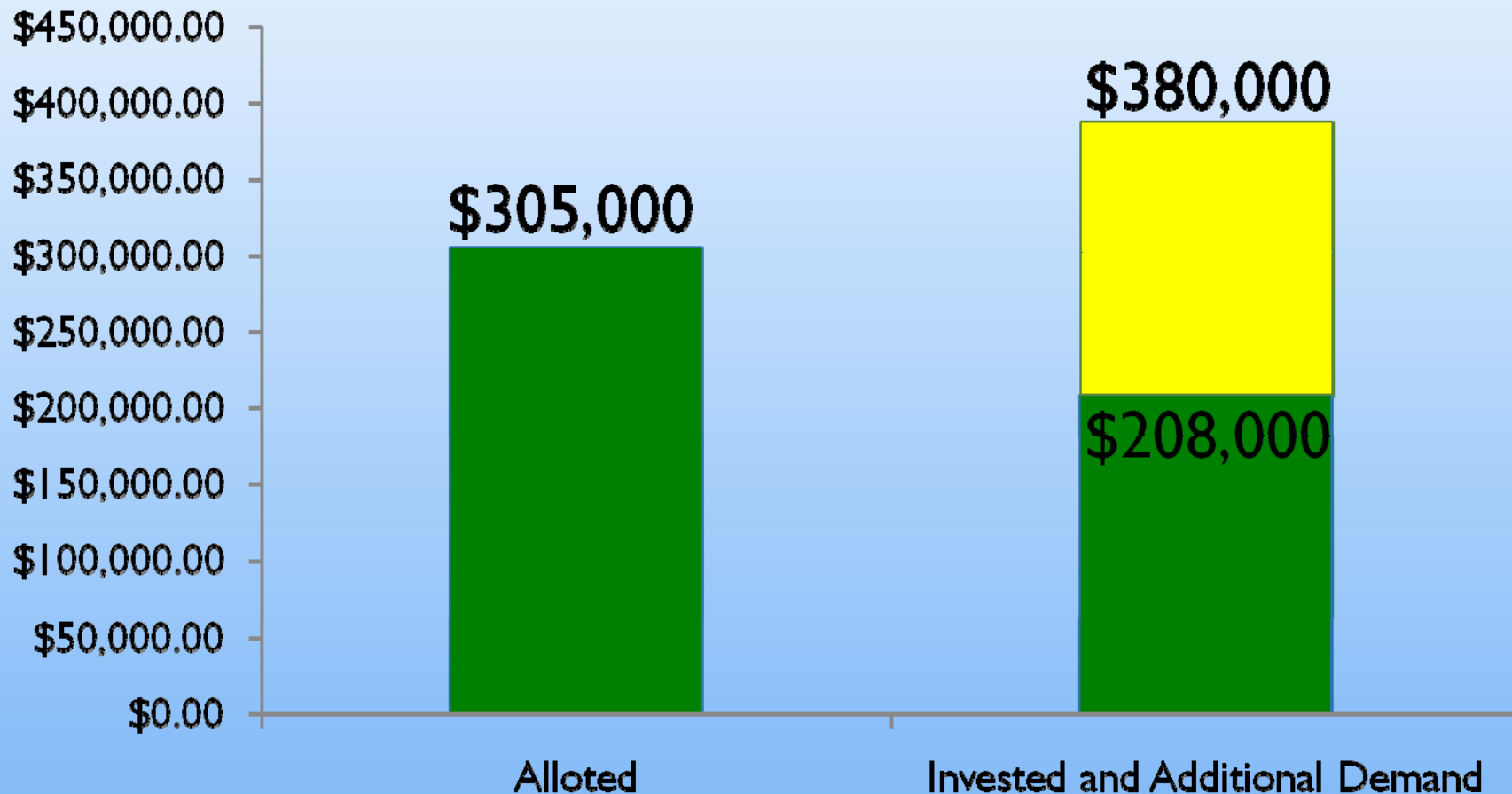
Percent exceedances of TSS water-quality standard pre- (red) and post- (green) best management practice (BMP) implementation at the water-quality monitoring (WQM) sites on the mainstem of the Belle Fourche River in South Dakota.

Segment IV Projects in Progress

- ▣ 5,280 Feet of Inlet Canal Lining
- ▣ 15 Producer Irrigation Projects
 - ▣ 6 Center pivot projects
 - ▣ 9 Projects converting open ditch to pipe
- ▣ Interest From Ten Additional Producers

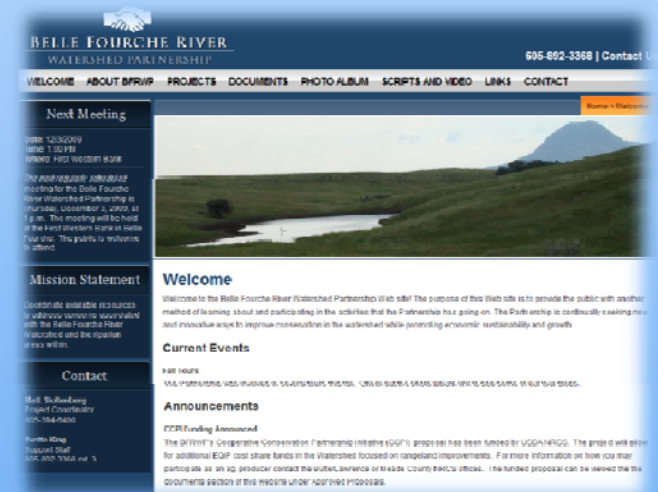


Producer Implementation Budget (June 2009 – June 2011)



Public Outreach

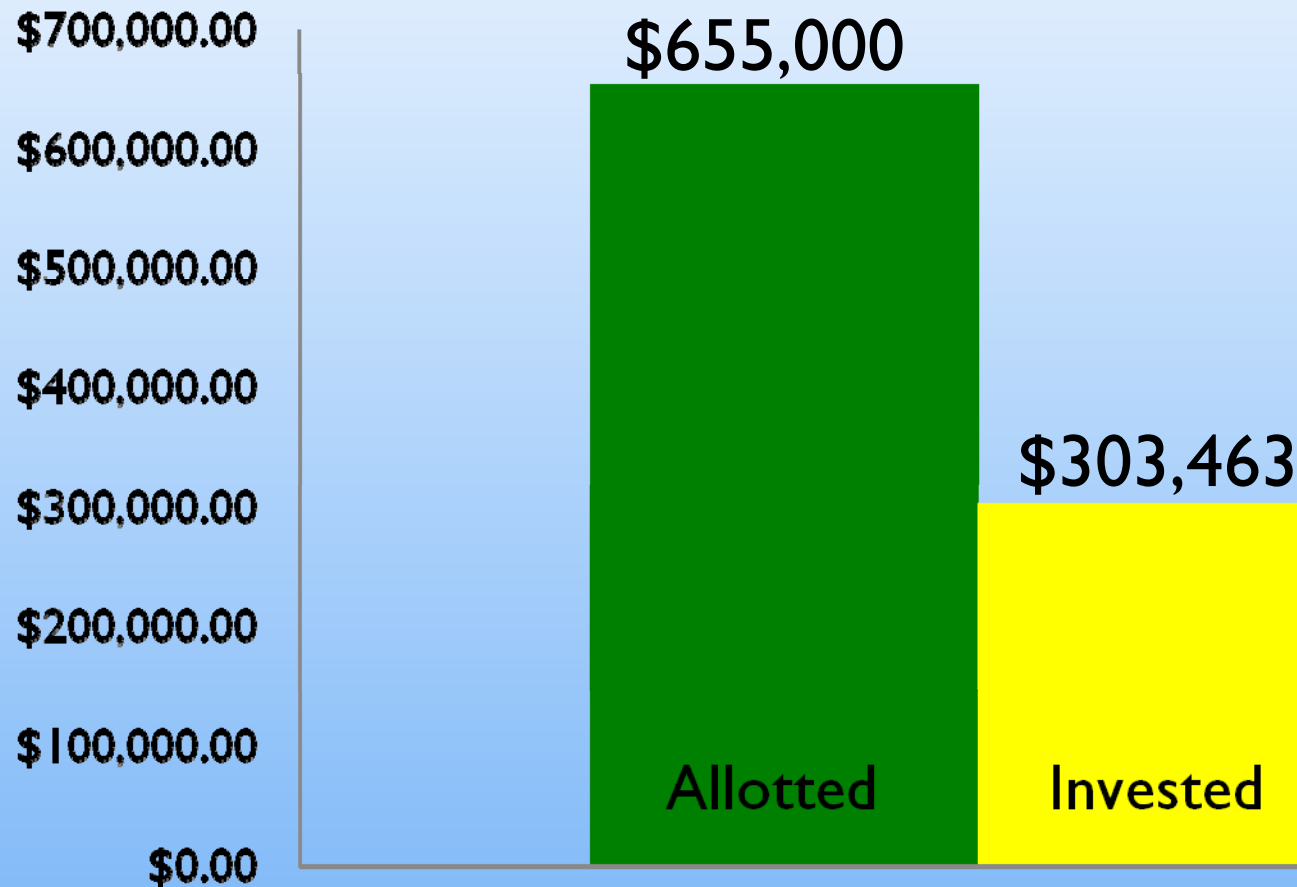
- Soil-Quality Demonstration Trailer (15 Demos to Approximately 3,000 People)
- Five Watershed Tours
- Range Riparian Workshop
- Informational Radio Sound Bites (4 Months of Air Time, 5 Radio Stations)
- Informational Booths
- Updated Web Site (bellefourchewatershed.org)



Other Partnership Grants

- Cooperative Conservation Partnership Initiative Grant (CCPI) – Natural Resource Conservation Service (NRCS) Funded \$3.5 Million for Range Improvement Practices
- Conservation Innovation Grant (CIG) – NRCS Funded \$500,000
- Redwater Irrigation Association Study – South Dakota Conservation Commission \$50,000

Segment IV 319 Budget (June 2009 – June 2011)



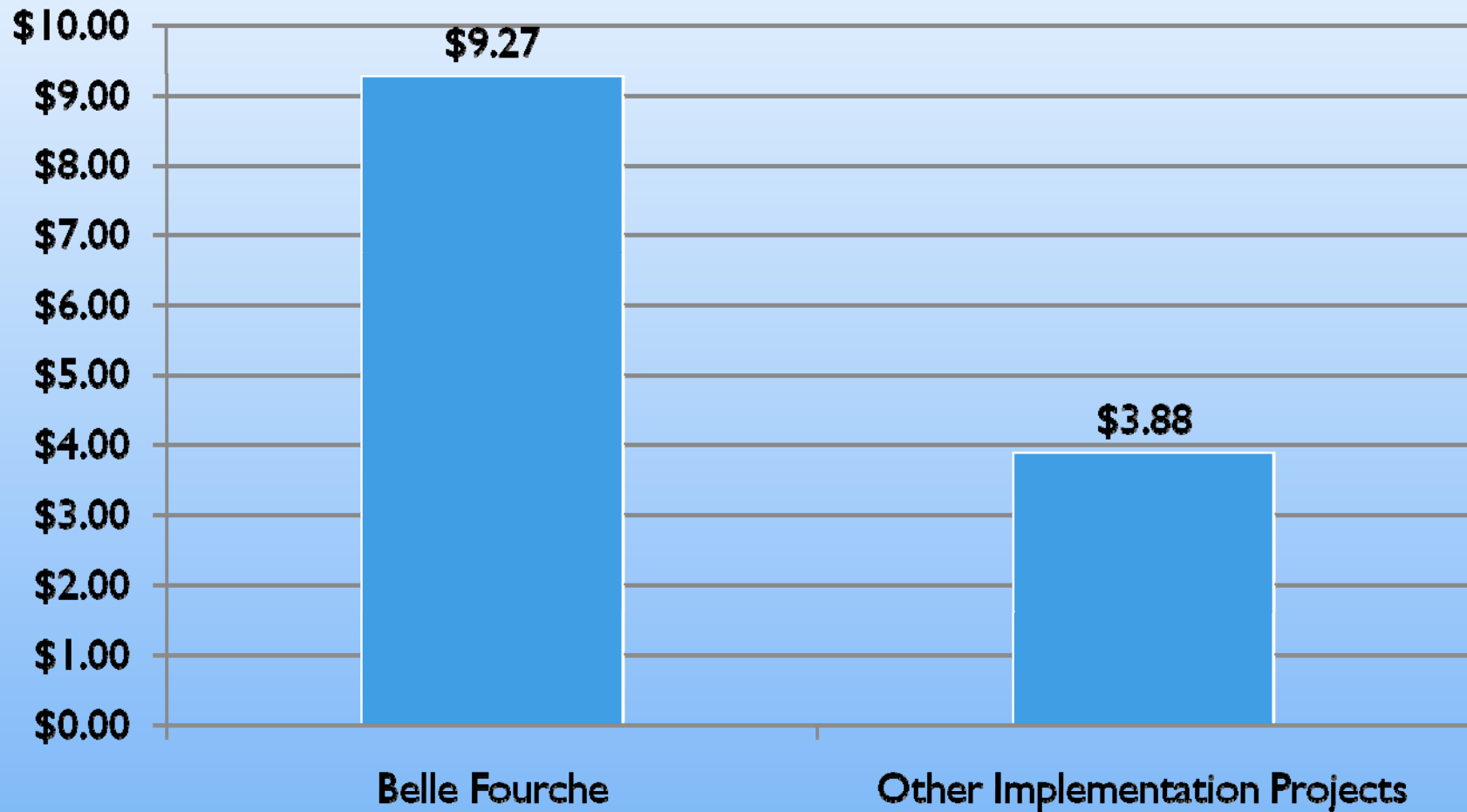
Proposed Segment IV Amendment (2009–2011)

- \$300,000 Producer Irrigation Implementation Projects
- \$50,000 Automated Gate Structures
- \$50,000 Riparian Area BMP Implementation
- \$227,650 Planning of Implementation Projects and Record Keeping, Public Outreach and Education, Preparation of Reports, Federal Audit
- \$104,400 Additional Water-Quality Monitoring
- \$732,050 Total

Questions??



\$\$ Implemented/\$\$ 319 Project Mgt. Invested This Funding Round



Implementation/Planning \$\$ brought in Outside of 319 (2006 – 2009)

- Additional \$4.6 Million Brought Into the Watershed From Grants Outside 319
- \$6.70 Brought in For Every \$1 Invested in 319 Project Management