

Section 319 and Consolidated Program Watershed Restoration Project Applications



Statewide Projects

SD Nonpoint Source I&E

Water Quality Planning

Soil Health Improvement and Planning

South Dakota Envirothon

Grassland Management and Planning

**FFY 2017 319 NONPOINT SOURCE PROGRAM
FUNDING RECOMMENDATIONS**

FFY 2017 FUNDING

NPS Program Funds	\$1,272,000
Watershed Project Funds	<u>\$1,272,000</u>
	\$2,544,000
DENR Staff & Support	<u>(\$680,000)</u>
Total 319 Available for Projects	\$1,864,000
CWSRF Water Quality Grants	<u>\$150,000</u>
Total Available for Pass Through	\$2,014,000

	Recommendations					
	Requested	DENR			Task Force	BWNR
		319	WQ Grants	Total		
Belle Fourche River Watershed	\$1,144,000	\$650,000		\$650,000	\$650,000	
Northeast Glacial Lakes Watershed	\$309,800	\$250,000		\$250,000	\$250,000	
SD Nonpoint Source I&E	\$300,000	\$200,000	\$50,000	\$250,000	\$250,000	
South Central Watershed	\$650,000	\$464,000		\$464,000	\$464,000	
Water Quality Planning Project	\$351,848	\$0		\$0	\$0	
SDM&T Assessing Dredging	\$140,699	\$0		\$0	\$0	
Soil Health Improvement & Planning	\$168,000	\$100,000	\$50,000	\$150,000	\$150,000	
South Dakota Envirothon	\$60,000	\$0		\$0	\$0	
Grassland Management & Planning	\$368,880	\$200,000	\$50,000	\$250,000	\$250,000	
Total	\$3,493,227	\$1,864,000	\$150,000	\$2,014,000	\$2,014,000	

January 2017

Available Funds Summary

CONSOLIDATED WATER FACILITIES CONSTRUCTION PROGRAM

Available Funds:	\$	298,138
Reversions:	\$	162,217
Available for Award:	\$	460,355

DRINKING WATER FACILITY GRANTS

BUILD AMERICA BONDS (BABs) FEDERAL SUBSIDY PAYMENTS

2016 Omnibus Appropriation:	\$	1,250,000
Reversions:	\$	-
Awarded to Date:	\$	(1,250,000)
Available for Award:	\$	-

DRINKING WATER SRF PRINCIPAL FORGIVENESS

Prior Year Principal Forgiveness Allocations:	\$	35,161,800
FFY-17 Maximum Allocation:	\$	-
Reverted Principal Forgiveness:	\$	-
Awarded to Date:	\$	(35,081,778)
Available For Award:	\$	80,022
Princ. Forg. for Disadvantaged Communities:	\$	-
Total Available for Award:	\$	80,022

DRINKING WATER SRF LOANS

Available Prior Year Funds (30-Sept-2016):	\$	23,400,190
FFY-17 Cap Grant & Match:	\$	9,000,680
FFY-17 Repayments:	\$	12,500,000
Leveraged Bonds:	\$	-
Deobligations/Recissions:	\$	-
FFY-17 Awards to Date:	\$	-
Available for Award:	\$	44,900,870

January 2017

Available Funds Summary

CLEAN WATER SRF WATER QUALITY GRANTS

Available Prior Year Funds (8-Jan-2016):	\$	136,692
2016 IUP Allocation:	\$	1,300,000
Reversions:	\$	100,120
SCPG Allotment:	\$	(150,000)
Awarded to Date:	\$	(1,336,000)
Available for Award:	\$	<u>50,812</u>

WASTEWATER FACILITY GRANTS

BUILD AMERICA BONDS (BABs) FEDERAL SUBSIDY PAYMENTS

2016 Omnibus Appropriation:	\$	2,750,000
Reversions:	\$	-
Awarded to Date:	\$	(2,750,000)
Available for Award:	\$	<u>-</u>

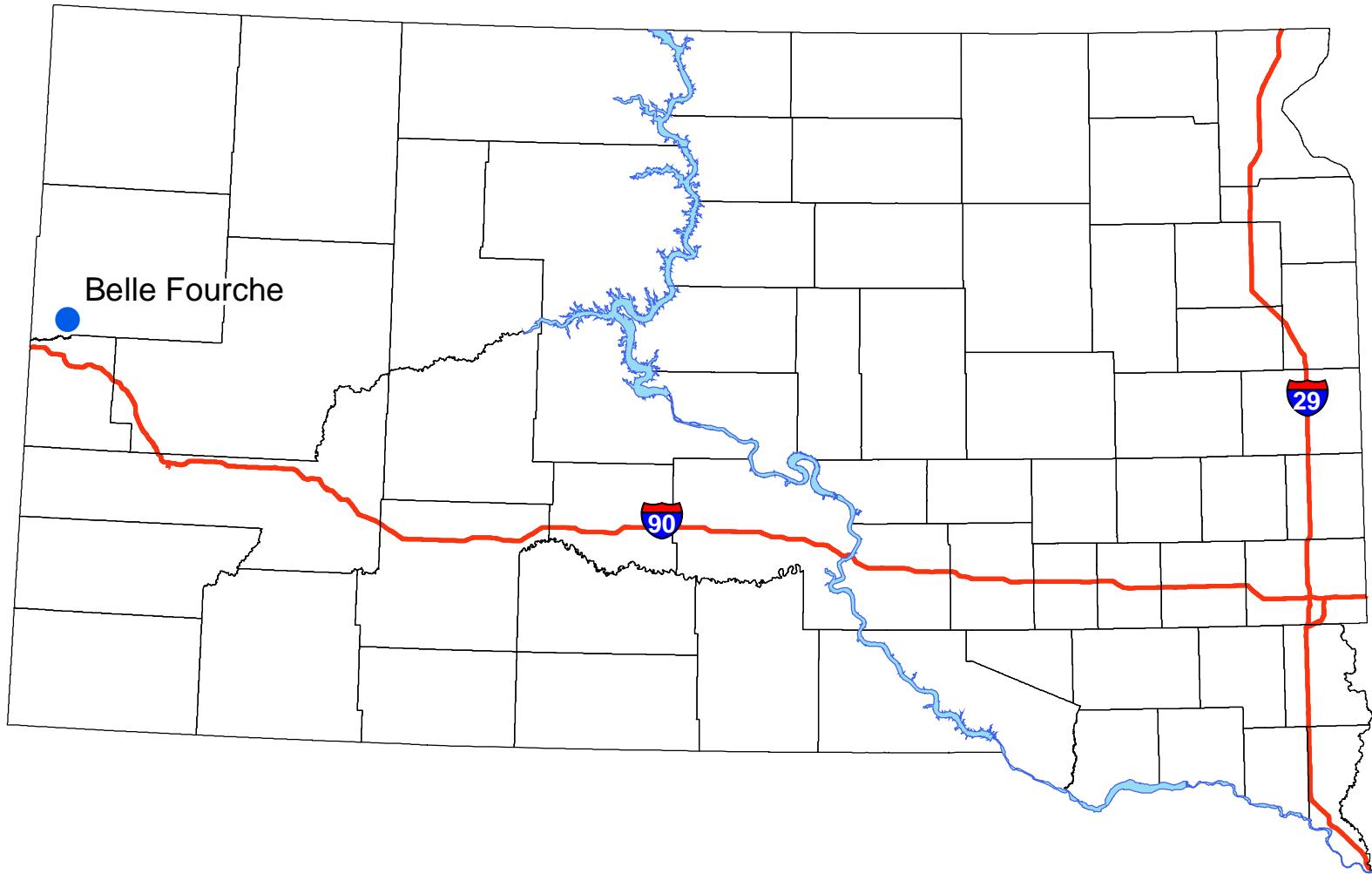
CLEAN WATER SRF PRINCIPAL FORGIVENESS

Prior Year Principal Forgiveness Allocations:	\$	13,475,099
FFY-17 Maximum Allocation:	\$	-
Reverted Principal Forgiveness:	\$	-
Awarded to Date:	\$	(11,703,390)
Available For Award:	\$	<u>1,771,709</u>

CLEAN WATER SRF LOANS

Available Prior Year Funds (30-Sept-2016):	\$	48,720,239
FFY-17 Cap Grant & Match:	\$	7,393,836
FFY-17 Repayments:	\$	17,500,000
Leveraged Bonds:	\$	-
Deobligations/Recissions:	\$	919,659
FFY-17 Awards to Date:	\$	-
Available For Award:	\$	<u>74,533,734</u>

Sanitary / Storm Sewer Facilities Applications January 2017



**SANITARY/STORM SEWER FACILITIES FUNDING APPLICATION
FINANCIAL ANALYSIS SUMMARY**

APPLICANT: Belle Fourche (CW-03)

Total Project Cost:	\$2,125,000
BWNR Funding Assistance Requested:	\$2,125,000
Rate/Term:	2.25%/20 years
Security Pledged For Repayment Of Loan:	Project Surcharge

Staff Analysis

- 1) If all funding is provided as loan, Belle Fourche will have to establish a surcharge of \$5.10/customer/month. Current rate is a flat rate of \$22.11. The surcharge will increase the rate to \$27.21.

Funding Recommendation: \$2,125,000 Clean Water SRF loan at 2.25% for 20 years.

Debt Service Coverage: 110% based on a surcharge of \$5.10

Contingencies:

- 1) Contingent upon Borrower adopting a bond resolution and the resolution becoming effective.
- 2) Contingent upon Borrower establishing a surcharge sufficient to provide the required debt coverage.

Drinking Water Facilities Funding Applications January 2017



DRINKING WATER FACILITIES FUNDING APPLICATION FINANCIAL ANALYSIS SUMMARY

APPLICANT: Terry Trojan Water Project District (DW-01)

Total Project Cost: \$812,000

BWNR Funding Assistance Requested: \$812,000

Rate/Term: 2.25%/20 years

Security Pledged For Repayment Of Loan: System Revenue

Staff Analysis

- 1) If all funding is provided as loan, Terry Trojan will have increase its rates by \$17.90/customer/month. The current rate is \$75/7,000 gallons. This will increase rates to approximately \$93/7,000 gallons.
- 2) Terry Trojan can lower the effect of any loan by either 1) extending the loan to 30 years at a rate of 2.5% or 2) by prepaying one or both existing loans.

Funding Recommendation: \$812,000 Drinking Water SRF loan at 2.25% for 20 years with up to 9.9% principal forgiveness not to exceed \$80,000.

Debt Service Coverage: 110% based on TTWPD increasing system revenue by approximately 26 percent.

Contingencies:

- 1) Contingent upon Borrower adopting a bond resolution and the resolution becoming effective.
- 2) Contingent upon Borrower raising rates to a level sufficient to provide the required debt coverage.
- 3) Contingent upon the Borrower demonstrating financial, managerial, and technical capacity.

Drinking Water Facilities Funding Applications January 2017



**DRINKING WATER FACILITIES FUNDING APPLICATION
FINANCIAL ANALYSIS SUMMARY**

APPLICANT: Belle Fourche (DW-01)

Total Project Cost:	\$265,000
BWNR Funding Assistance Requested:	\$265,000
Rate/Term:	2.25%/20 Years
Security Pledged For Repayment Of Loan:	System Revenue

Staff Analysis

- 1) If all funding is provided as loan, the city would have 1,714% coverage based on the projected 2018 Cash Flow and a rate of \$22.66 for 5,000 gallons usage.

Funding Recommendation: \$265,000 Drinking Water SRF loan at 2.25% for 20 years.

Debt Service Coverage: 1,714% based on \$22.66 for 5,000 gallons

Contingencies:

- 1) Contingent upon Borrower adopting a bond resolution and the resolution becoming effective.
- 2) Contingent upon the Borrower demonstrating financial, managerial, and technical capacity.

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**WATERSHED RESTORATION PROJECT FUNDING APPLICATION
FINANCIAL ANALYSIS SUMMARY**

APPLICANT: James River Water Development District

Total Project Cost: \$7,815,157
BWNR Funding Assistance Requested: \$275,000

Staff Analysis

- 1) The South Central Project assists in directing partnership assistance in the watershed to solve feedlot waste runoff. Dawson Creek, Emmanuel Creek, Keya Paha River, Lake Andes, Pierre Creek, and Ponca Creek are all listed in the 2016 SD Integrated report as being impaired due to high bacteria counts. All these waterbodies also have TMDLs listing agricultural waste as a major contribution to the impairments. Previous segments were successful in installing animal waste systems.
- 2) The grant funding will provide up to 15 percent cost share for up to eight Animal Waste Management Systems.

Funding Recommendation: \$275,000 Consolidated grant

Solid Waste Management Applications January 2017



September 2016

Dedicated Solid Waste Management Fees

Solid Waste Management Program (SWMP)

Previous Balance for SWMP Funds:	\$	1,545,135
Reversions:	\$	367,449
Available for Award:	\$	<u>1,912,584</u>
Recommended:	\$	<u>(1,883,000)</u>
Balance:	\$	29,584

**SOLID WASTE MANAGEMENT PROGRAM FUNDING APPLICATION
FINANCIAL ANALYSIS SUMMARY**

APPLICANT: City of Huron

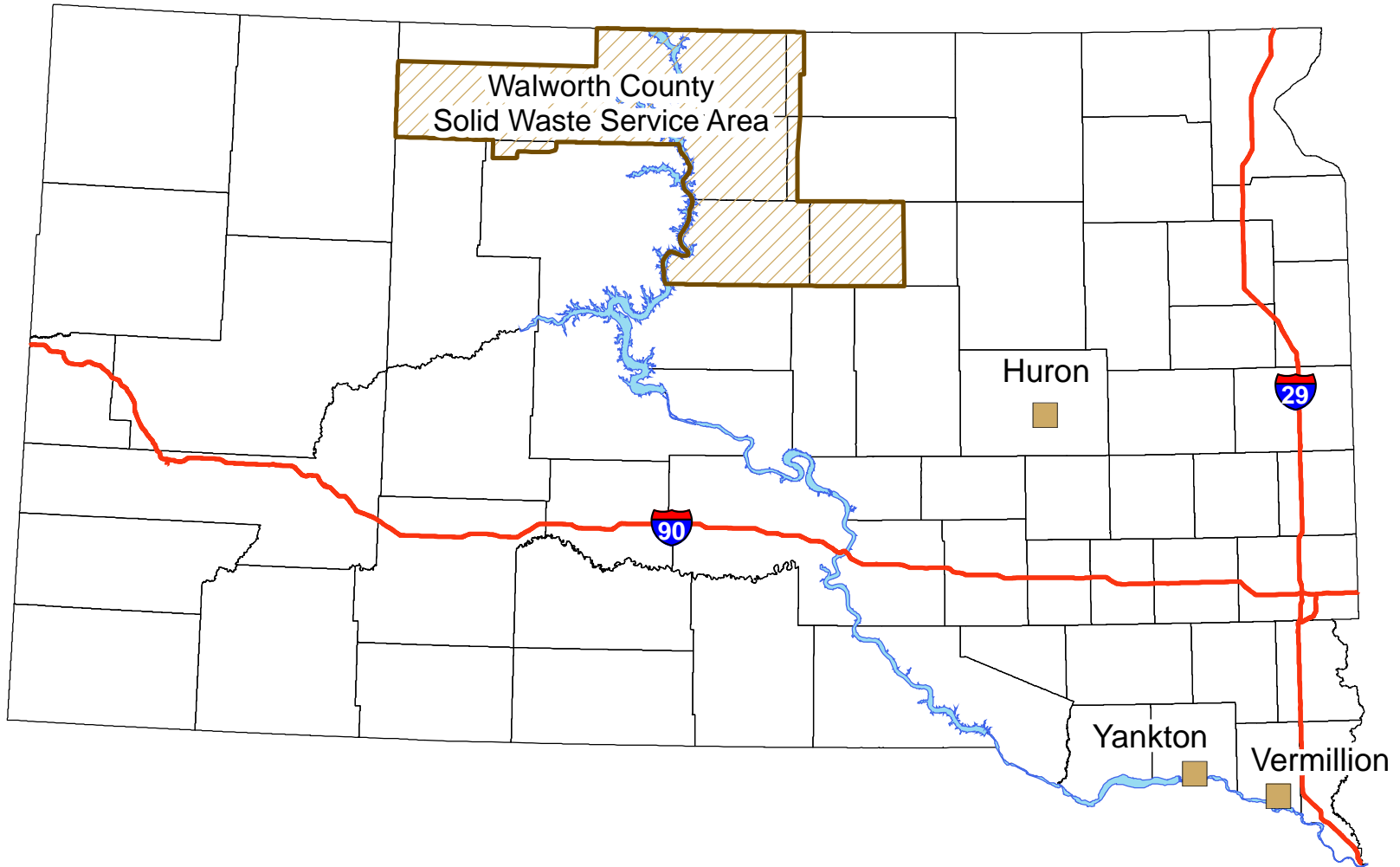
Total Project Cost:	\$70,000
BWNR Funding Assistance Requested:	\$35,000
Rate/Term:	n/a
Security Pledged For Repayment Of Loan:	n/a

Staff Analysis

- 1) The city of Huron is proposing to purchase a new or lightly used mini-excavator to assist in loading recyclables for transport to a recycling facility in Sioux Falls. The purchased equipment would allow the city to increase the tonnage per load from 7-9 tons to 10-14 tons. The proposed excavator would also include a grapple thumb to remove unwanted items from the recycling trailer.

Funding Recommendation: \$21,000 SWMP grant

Solid Waste Management Applications January 2017



SOLID WASTE MANAGEMENT PROGRAM FUNDING APPLICATION FINANCIAL ANALYSIS SUMMARY

APPLICANT: City of Vermillion

Total Project Cost:	\$500,000
BWNR Funding Assistance Requested:	\$300,000
Rate/Term:	2.00% / 7 years
Security Pledged For Repayment Of Loan:	System Revenue

Staff Analysis

- 1) The city of Vermillion is proposing to purchase a new landfill dozer for the regional landfill. The existing dozer is reaching the end of its useful life and has required more maintenance costs recently. The new dozer will be slightly larger and will have GPS capabilities, which will allow the landfill to more efficiently compact and cover solid waste and move construction debris.
- 2) The pledged revenue will be from the Solid Waste Facility located in Vermillion and created by a Joint Powers Agreement in 1994 between the city of Vermillion, the city of Yankton, Clay County, and Yankton County.

Funding Recommendation: \$150,000 SWMP loan at 2.00% for 7 years and \$150,000 SWMP grant

Debt Service Coverage: 390% debt coverage

Contingencies:

- 1) Contingent upon Borrower adopting a bond resolution and the resolution becoming effective.
- 2) Contingent upon Borrower executing a revised Joint Powers Agreement.

Solid Waste Management Applications January 2017



**SOLID WASTE MANAGEMENT PROGRAM FUNDING APPLICATION
FINANCIAL ANALYSIS SUMMARY**

APPLICANT: Walworth County

Total Project Cost:	\$862,268
BWNR Funding Assistance Requested:	\$712,000
Rate/Term:	2.25% / 14 years
Security Pledged For Repayment Of Loan:	System Revenue

Staff Analysis

- 1) Walworth County is proposing to construct a new cell at the Walworth County landfill. The existing cell is nearly full, and the county needs to construct an additional cell.

Funding Recommendation: \$462,000 SWMP loan at 2.25% for 14 years and \$250,000 SWMP grant

Debt Service Coverage: 160% debt coverage

Contingencies:

- 1) Contingent upon Borrower adopting a bond resolution and the resolution becoming effective.

Solid Waste Management Applications January 2017



SOLID WASTE MANAGEMENT PROGRAM FUNDING APPLICATION FINANCIAL ANALYSIS SUMMARY

APPLICANT: City of Yankton

Total Project Cost:	\$856,000
BWNR Funding Assistance Requested:	\$850,000
Rate/Term:	2.00% / 10 years
Security Pledged For Repayment Of Loan:	System Revenue

Staff Analysis

- 1) The city of Yankton proposes to convert to single stream recycling which requires new containers and tipping arms on collection vehicles. With the conversion to new recycling containers the city will need to purchase similar size solid waste containers to be compatible with the new tipping arms. The city will also need to purchase a semi-tractor and trailer to transport the recyclable materials that are collected to Sioux Falls for processing.
- 2) The pledged revenue will be from the Yankton's Solid Waste Collection Program. The current rate is \$20.18 per month for both Class I Residents and Class II Commercial users.

Funding Recommendation: \$574,500 SWMP loan at 2.00% for 10 years and \$275,500 SWMP grant

Debt Service Coverage: 148% debt coverage

Contingencies:

- 1) Contingent upon Borrower adopting a bond resolution and the resolution becoming effective.