

**AMERICAN RECOVERY &
REINVESTMENT ACT
PROJECTS
2009**



**CLEAN WATER STATE REVOLVING FUND
DRINKING WATER STATE REVOLVING FUND**

American Recovery and Reinvestment Act – 2009

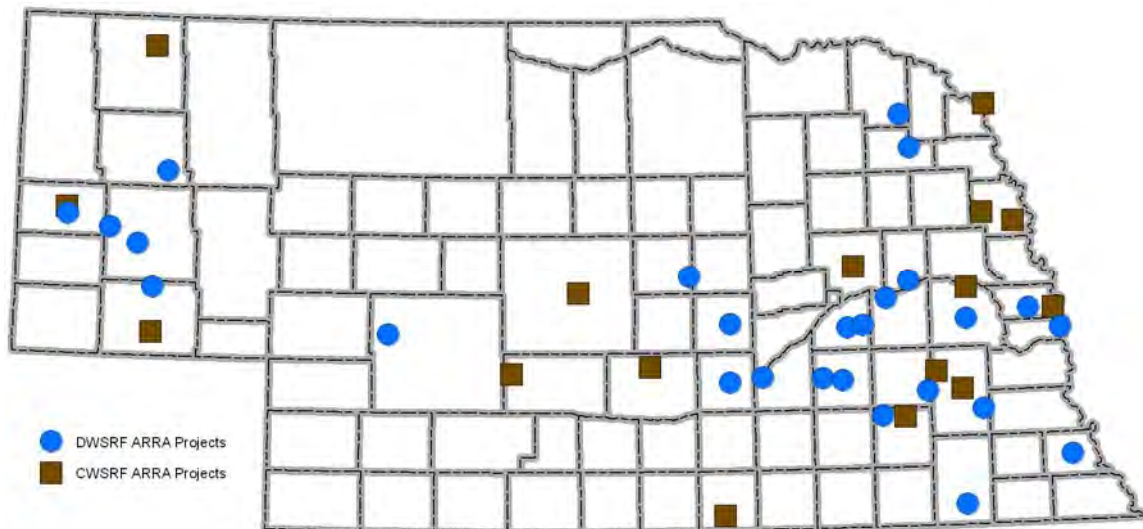
Clean Water State Revolving Fund

Drinking Water State Revolving Fund

In February 2009, the US Congress passed the American Recovery and Reinvestment Act (ARRA) which, in part, provided extra funds to the states' Clean Water State Revolving Fund (CWSRF) and Drinking Water State Revolving Fund (DWSRF) grants. Typically, the CWSRF is used to improve or build infrastructure related to treating wastewater (municipal wastewater lagoons, repair or replace sanitary sewer piping, treatment plants, to name a few examples) and the DWSRF is used to improve or build infrastructure related to providing safe drinking water to the public (new water wells, treatment systems for drinking water, repair or replace drinking water piping, to name a few examples).

Nebraska received \$20,045,000 in the CWSRF program and \$19,500,000 in the DWSRF program. These capitalization grants were more than double the typical grants received by the state and did not require the usual 20% state match. More information about the ARRA as it applies to the CW and DWSRF programs can be found at <http://www.epa.gov/recovery/index.html> or <http://www.deq.state.ne.us/Recover.nsf/Pages/Recovery> .

This document gives some basic and standardized information about each CW and DWSRF project funded with ARRA money in Nebraska. For more details about any specific project, contact the Utility Department of the municipality featured or call the Nebraska Department of Environmental Quality (CWSRF projects) at 402/471-4220 or Nebraska Health and Human Services (DWSRF projects) at 402/471-2541.



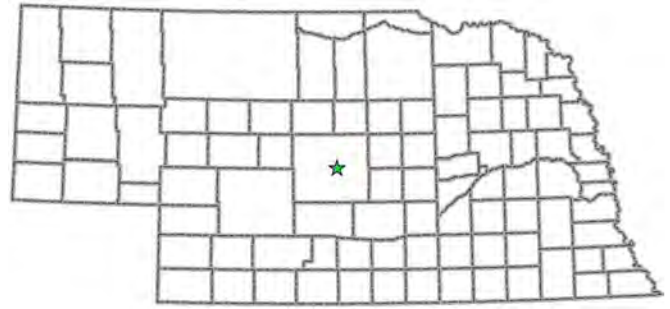
List of CWSRF and DWSRF ARRA Projects

Broken Bow	CWSRF
Cedar Bluffs	CWSRF
Chadron	CWSRF
Dorchester	CWSRF
Gothenburg	CWSRF
Lincoln	CWSRF
Malcolm	CWSRF
Oakland	CWSRF
Omaha	CWSRF
Platte Center	CWSRF
Pleasanton	CWSRF
Red Cloud	CWSRF
Scottsbluff	CWSRF
Sidney	CWSRF
South Sioux City	CWSRF
Tekamah	CWSRF
Alda	DWSRF
Alliance	DWSRF
Auburn	DWSRF
Bayard	DWSRF
Bellwood	DWSRF
Bennet	DWSRF
Bradshaw	DWSRF
Bridgeport	DWSRF
Dalton	DWSRF
Friend	DWSRF
Gering	DWSRF
Laurel	DWSRF
Metropolitan Utilities District (MUD)	DWSRF
North Loup	DWSRF
Osceola	DWSRF
Phillips	DWSRF
Pleasant Dale	DWSRF
St. Paul	DWSRF
Schuyler	DWSRF
Shelby	DWSRF
Sutherland	DWSRF
Wahoo	DWSRF
Wayne	DWSRF
Wymore	DWSRF
York	DWSRF

ARRA – CLEAN WATER STATE REVOLVING FUND

City of Broken Bow

Agreement Execution Date: May 14, 2009
 Effective Interest Rate: 1.8%
 Repayment Period: 20 years
 Construction Status: Est. Completion November 2011



ARRA Loan Assistance	\$1,263,750
SRF Loan Assistance	\$4,222,500
ARRA Principal Forgiveness	<u>\$1,263,750</u>
Total	\$6,750,000

Amount Classified as Green Funding:

Green Infrastructure	\$605,593
Energy Efficiency	<u>\$ 53,845</u>
Total Green Funding	\$659,438

Project Name: Lift Station, Force Main, and Wastewater Treatment Plant Improvements.

Project Description: Renovation of existing lift stations and new force main plus new Sequencing Batch Reactors (SBR) for the wastewater treatment plan expansion.

Project Impact: Constructed new SBR wastewater treatment facility to maintain compliance with permit requirements. Project addresses ammonia limits and disinfection requirements.



ARRA – CLEAN WATER STATE REVOLVING FUND

Village of Cedar Bluffs

Agreement Execution Date: August 17, 2009

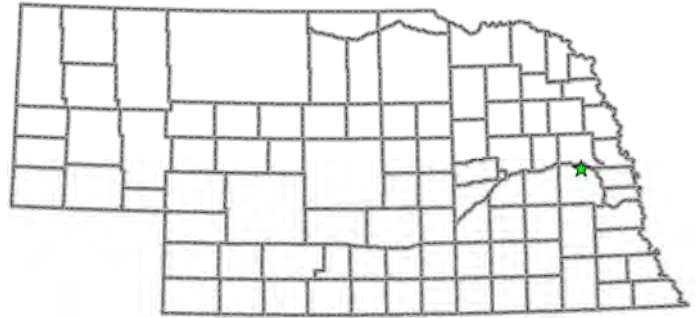
Effective Interest Rate: 1.33%

Repayment Period: 20 years

Construction Status: Project Completed December 17, 2010

ARRA Loan Assistance	\$366,453
SRF Loan Assistance	\$145,462
ARRA Principal Forgiveness	\$122,151
Small Town Grant	<u>\$160,987</u>
Total	<u>\$795,053</u>

(project finished under budget)



Amount Classified as Green Funding:

Green Infrastructure	<u>\$634,066</u>
Total Green Funding	\$634,066

Project Name: New Complete Retention Lagoon.

Project Description: Lift station improvements and construction of 4-cell complete retention lagoon system.

Project Impact: The complete retention lagoon project replaced an existing 35 year-old mechanical treatment plant in order to maintain compliance with secondary standards, i.e., BOD & SS. The new WWTF is exempt from NPDES permitting.



ARRA – CLEAN WATER STATE REVOLVING FUND

City of Chadron

Agreement Execution Date: July 15, 2009

Effective Interest Rate: 1.33%

Repayment Period: 20 years

Construction Status: Project Completed November 18, 2010

ARRA Loan Assistance	\$ 495,000
SRF Loan Assistance	\$2,775,000
ARRA Principal Forgiveness	<u>\$1,090,000</u>
Total	\$4,360,000

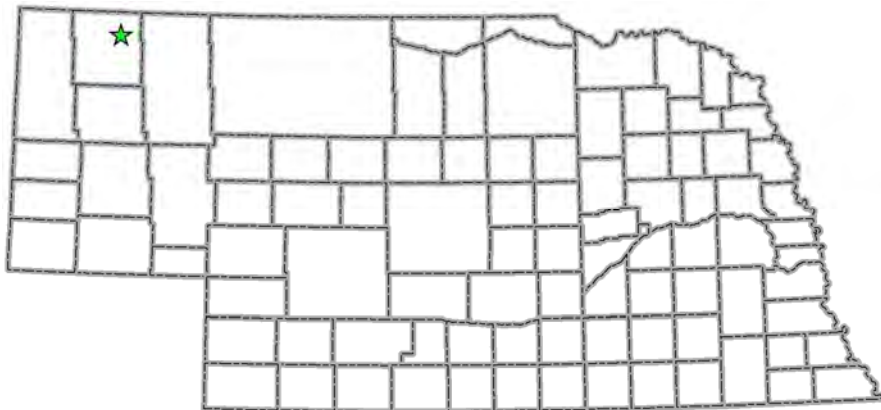
Amount Classified as Green Funding:

Energy Efficiency	\$ 35,211
Water Efficiency	<u>\$295,000</u>
Total Green Funding	\$330,211

Project Name: New Aero-Mod Wastewater Treatment Facility

Project Description: New Aero-Mod activated sludge wastewater treatment facility. Needed to meet NPDES discharge permit limits established by NDEQ for the City.

Project Impact: Project addressed ammonia and e-coli limits.



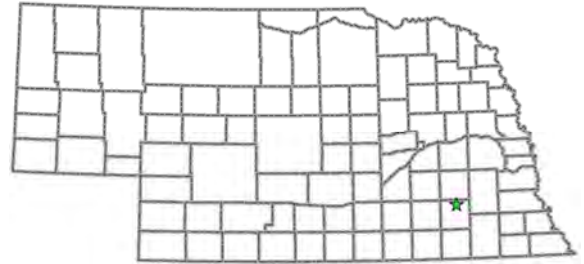
ARRA – CLEAN WATER STATE REVOLVING FUND

Village of Dorchester

Agreement Execution Date: July 22, 2009
Effective Interest Rate: 1.33%
Repayment Period: 20 years
Construction Status: Project Completed February 7, 2011

ARRA Loan Assistance	\$498,074
SRF Loan Assistance	\$ 5,153
ARRA Principal Forgiveness	\$166,025
Small Town Grant	<u>\$ 1,718</u>
Total	\$670,970

(project finished under budget)



Amount Classified as Green Funding:

Green Infrastructure	<u>\$664,099</u>
Total Green Funding	\$664,099

Project Name: Dorchester Wastewater Treatment Facility.

Project Description: Install complete retention lagoon to replace existing mechanical WWTF.

Project Impact: Project addressed ammonia and disinfection, and will be exempt from NPDES permitting.



ARRA – CLEAN WATER STATE REVOLVING FUND

City of Gothenburg

Agreement Execution Date: May 14, 2009

Effective Interest Rate: 1.3%

Repayment Period: 20 years

Construction Status: Project Completed November 24, 2009

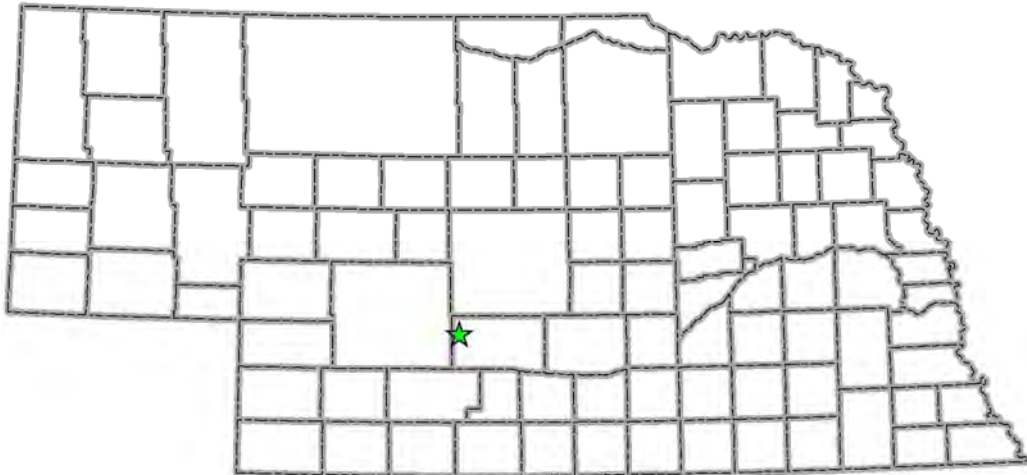
ARRA Loan Assistance	\$ 75,000
SRF Loan Assistance	\$129,827
Principal Forgiveness	<u>\$ 75,000</u>
Total	\$279,827

Amount Classified as Green Funding: None.

Project Name: Avenue I Sewer Replacement.

Project Description: Sewer Trunk Line Replacement.

Project Impact: Replacement of overloaded trunk sewer to avoid backups and SSOs. No compliance issues needed to be addressed.



ARRA – CLEAN WATER STATE REVOLVING FUND

City of Lincoln

Agreement Execution Date: August 27, 2009
Effective Interest Rate: 2.0%
Repayment Period: 20 years
Construction Status: Project Completed October 19, 2010

ARRA Loan Assistance	\$1,250,000
SRF Loan Assistance	\$2,308,792
Principal Forgiveness	<u>\$1,250,000</u>
Total	\$4,808,792



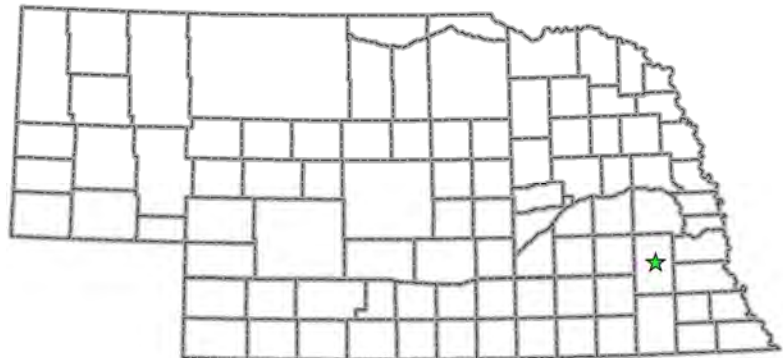
Amount Classified as Green Funding: None.

Project Name: Stevens Creek Phase II Interceptor.

Project Description: Water and sewer line and related structures.



Project Impact: Construction of Phase II of the Stevens Creek Interceptor sewer. The trunk sewer has no direct impact on treatment.



ARRA – CLEAN WATER STATE REVOLVING FUND

Village of Malcolm

Agreement Execution Date: July 14, 2009
Effective Interest Rate: 1.3%
Repayment Period: 20 years
Construction Status: Project Completed April 1, 2010

ARRA Loan Assistance	\$ 250,000
SRF Loan Assistance	\$ 500,000
Principal Forgiveness	<u>\$ 250,000</u>
Total	\$1,000,000



Amount Classified as Green Funding:

Energy Efficiency	<u>\$5,950</u>
Total Green Funding	\$5,950

Project Name: Wastewater Treatment Facility Expansion 2009.



Project Description: Sewage Treatment Facilities.

Project Impact: WWTF. Expansion included new extended aeration basin, new final clarifier, new aerobic sludge storage, expanded UV disinfection, lift station rehabilitation, RAS/WAS improvements, new generator, and electrical improvements. The project addressed ammonia limit requirements.

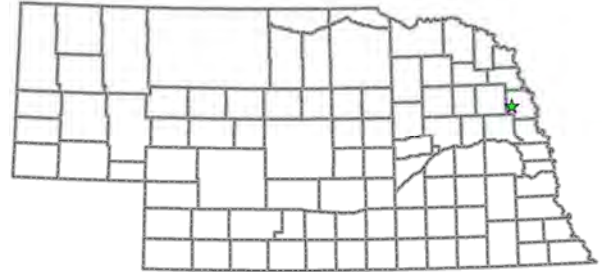


ARRA – CLEAN WATER STATE REVOLVING FUND

City of Oakland

Agreement Execution Date: June 9, 2009
Effective Interest Rate: 2.0%
Repayment Period: 20 years
Construction Status: Est. Completion October 2011

ARRA Loan Assistance	\$ 540,500
SRF Loan Assistance	\$1,081,000
Principal Forgiveness	<u>\$ 540,500</u>
Total	\$2,162,000



Amount Classified as Green Funding: None

Project Name: Wastewater Treatment Plant Improvement Project.

Project Description: Sewage Treatment Facilities.

Project Impact: A SBR WWTP replaced a 45 year-old package plant in order to comply with ammonia in the NPDES permitting.

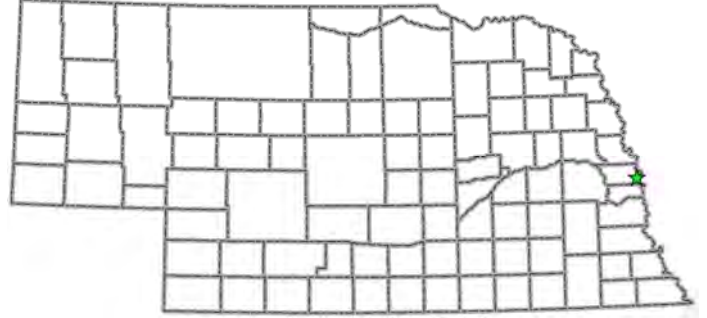


ARRA – CLEAN WATER STATE REVOLVING FUND

City of Omaha

Agreement Execution Date: December 22, 2009
Effective Interest Rate: 2.0%
Repayment Period: 20 years
Construction Status: Project Completed January 17, 2011

ARRA Loan Assistance	\$1,022,500
SRF Loan Assistance	\$4,569,500
Principal Forgiveness	<u>\$1,908,000</u>
Total	\$7,500,000



Amount Classified as Green Funding: None

Project Name: Combined Sewer Separation.

Project Description: Water and Sewer Line and Related Structures.



Project Impact: Combined sewer separation, including construction of various combinations of separate sanitary and storm sewers and appurtenances, in the 42nd & X Street, South Omaha Industrial Facility, and 24th & Ogden areas. The three combined sewer separation projects reduce overflow events and reduce hydraulic loading to the treatment plant, thus lowering the amounts of organic material, solids, nutrients, fecal coliform bacteria and other pollutants that reach the receiving surface water.



ARRA – CLEAN WATER STATE REVOLVING FUND

Village of Platte Center

Agreement Execution Date: February 8, 2010
Effective Interest Rate: 3.0%
Repayment Period: 20 years
Construction Status: Project Completed April 5, 2011

ARRA Loan Assistance	\$117,333
SRF Loan Assistance	\$ 17,570
Small Town Grant	\$ 6,213
Principal Forgiveness	<u>\$ 64,183</u>
Total	\$199,086

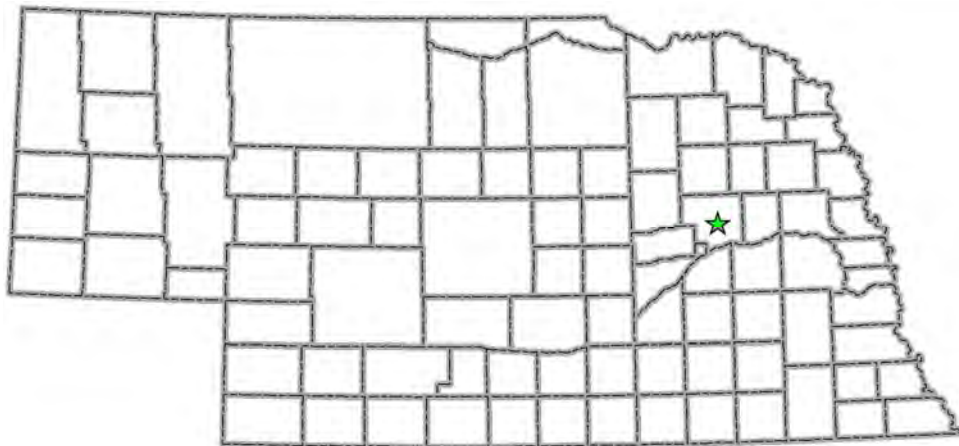
Amount Classified as Green Funding:

Water Efficiency	<u>\$199,086</u>
Total Green Funding	\$199,086

Project Name: Platte Center Water Treatment Project.

Project Description: Water and Sewer Line and Related Structures.

Project Impact: Installation of water meters on services presently not metered. The project has no direct impact on treatment.



ARRA – CLEAN WATER STATE REVOLVING FUND

Village of Pleasanton

Agreement Execution Date: January 7, 2010
Effective Interest Rate: 3.0%
Repayment Period: 20 years
Construction Status: Project Completed November 3, 2010

ARRA Loan Assistance	\$232,817
Principal Forgiveness	<u>\$ 96,719</u>
Total	\$329,536

Amount Classified as Green Funding:

Water Efficiency	<u>\$326,916</u>
Total Green Funding	\$326,916

Project Name: Water Meter Project.

Project Description: Water and Sewer Line and Related Structures.

Project Impact: Installation of water meters on services presently not metered. The project has no direct impact on treatment.



ARRA – CLEAN WATER STATE REVOLVING FUND

City of Red Cloud

Agreement Execution Date: January 22, 2010
Effective Interest Rate: 1.33%
Repayment Period: 20 years
Construction Status: Project Completed October 15, 2010

ARRA Loan Assistance	\$300,000
SRF Loan Assistance	\$ 72,404
Principal Forgiveness	<u>\$125,325</u>
Total	\$497,729

(project finished under budget)



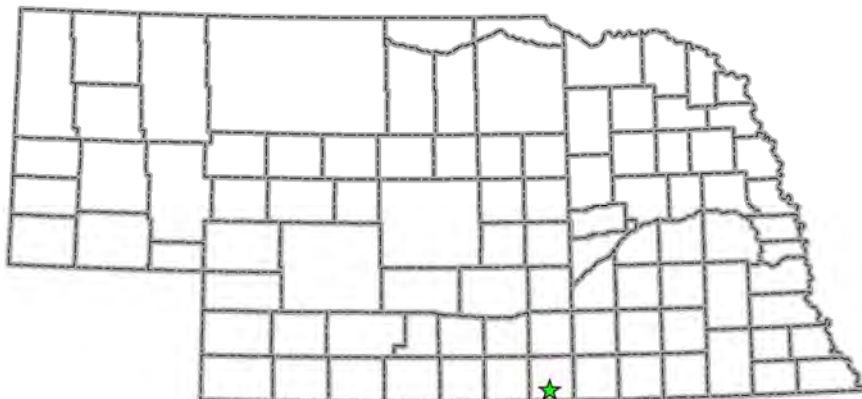
Amount Classified as Green Funding: None.

Project Name: Replacement outfall sewer.



Project Description: Water and Sewer Line and Related Structures.

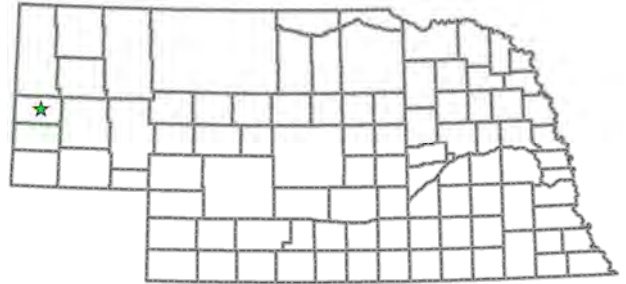
Project Impact: Construct a replacement 15-inch gravity outfall sewer from the City to the lagoon in the highway right-of-way. Benefits city infrastructure. The project has no direct impact on treatment.



ARRA – CLEAN WATER STATE REVOLVING FUND

City of Scottsbluff

Agreement Execution Date: May 21, 2009
Effective Interest Rate: 2.0%
Repayment Period: 10 years
Construction Status: Project Completed April 29, 2010



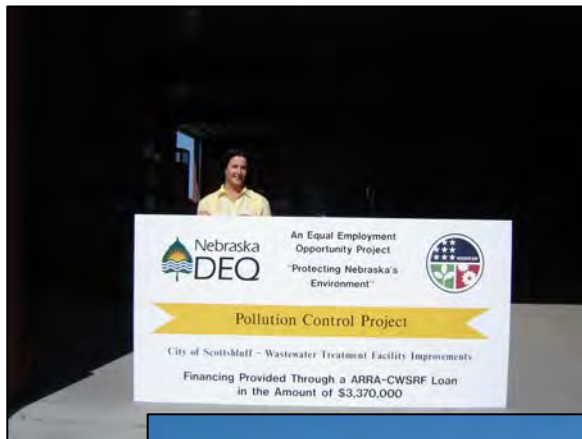
ARRA Loan Assistance	\$ 842,500
SRF Loan Assistance	\$1,685,000
Principal Forgiveness	<u>\$ 842,500</u>
Total	\$3,370,000

Amount Classified as Green Funding: None.

Project Name: Scottsbluff Wastewater Treatment Facility Improvements.

Project Description: Sewage Treatment Facilities.

Project Impact: Treatment plant improvements; replace 3 screw pumps, install mechanical fine screen, build second aeration basin and second clarifier. Add covers to clarifiers, sludge pumps and a UV disinfection system, modify outfall piping and SCADA system. The treatment plant improvements help to reduce the levels of BOD, TSS, ammonia and fecal coliform bacteria in the effluent.

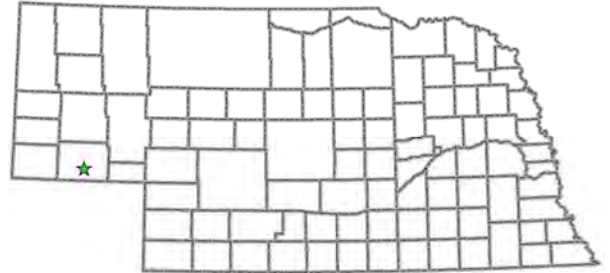


ARRA – CLEAN WATER STATE REVOLVING FUND

City of Sidney

Agreement Execution Date: July 14, 2009
Effective Interest Rate: 2.0%
Repayment Period: 20 years
Construction Status: Project Completed July 13, 2010

ARRA Loan Assistance	\$1,375,000
SRF Loan Assistance	\$2,750,000
Principal Forgiveness	<u>\$1,375,000</u>
Total	\$5,500,000



Amount Classified as Green Funding:

Energy Efficiency	<u>\$128,000</u>
Total Green Funding	\$128,000

Project Name: Wastewater Treatment Plant Update.

Project Description: Construction of a SBR treatment facility. Upgrade of existing headworks. Addition of a belt filter press, addition of SCADA system.

Project Impact: The SBR wastewater facility replaced a 23 year-old two stage trickling filter plant in order to comply with ammonia in the proposed NPDES permit.



ARRA – CLEAN WATER STATE REVOLVING FUND

City of South Sioux City

Agreement Execution Date: September 30, 2009
Effective Interest Rate: 2.0%
Repayment Period: 20 years
Construction Status: Est. Completion November 2011



ARRA Loan Assistance	\$ 575,000
SRF Loan Assistance	\$ 1,150,00
Principal Forgiveness	<u>\$ 575,000</u>
Total	\$2,300,000

Amount Classified as Green Funding:

Green Infrastructure	\$ 9,804
Energy Efficiency	<u>\$899,689</u>
Total Green Funding	\$909,493

Project Name: Wastewater Collection System Improvements.

Project Description: Water and Sewer Line and Related Structures.

Project Impact: Construction of a new lift station & force main to serve an industrial area; construction of a gravity sewer to eliminate an old and troublesome lift station. Project is needed to provide reliable sewer service to facilitate development in an industrial area; no direct impact on treatment.

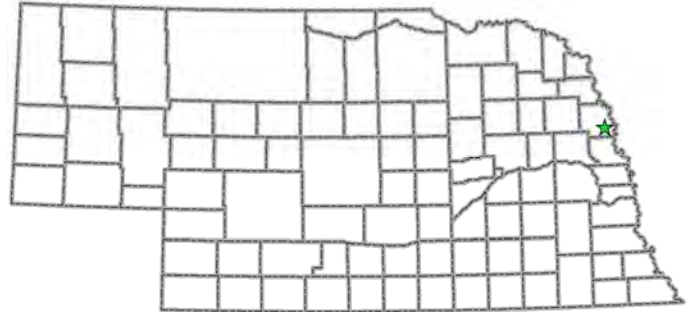


ARRA – CLEAN WATER STATE REVOLVING FUND

City of Tekamah

Agreement Execution Date: July 20, 2009
Effective Interest Rate: 1.33%
Repayment Period: 20 years
Construction Status: Project completed June 14, 2011

ARRA Loan Assistance	\$ 805,016
SRF Loan Assistance	\$ 100,900
Small Town Grant	\$ 10,068
Principal Forgiveness	<u>\$ 291,904</u>
Total	<u>\$1,207,888</u>



Amount Classified as Green Funding:

Water Efficiency	<u>\$1,207,888</u>
Total Green Funding	\$1,207,888

Project Name: Land Application Wastewater Treatment Facility.

Project Description: Construction of land application system and new lagoon cell, and slip lining sewer problem areas. The land application system will not require an NPDES discharge permit.

Project Impact: Project was designed to address ammonia, BOD, e-coli, and suspended solids requirements.



ARRA – DRINKING WATER STATE REVOLVING FUND

Village of Alda

Agreement Execution Date: September 4, 2009
Loan Interest Rate: 3.0%
Repayment Period: 20 years
Construction Status: Project Completed July 13, 2010

ARRA Loan Assistance	\$150,878
ARRA Principal Forgiveness	<u>\$100,000</u>
Total	\$250,878



Amount Classified as Green Funding:

Water Efficiency	<u>\$250,878</u>
Total Green Funding	\$250,878

Project Name: Construction of new water meters.

Project Description: Installation of new water meters on service connections not presently metered.

Project Impact: On May 17, 2005, the Village of Alda was issued an Administrative Order for Uranium Maximum contaminant Level violations. Through a separate project funded by USDA-RD, the system interconnected with the City of Grand Island on March 24, 2011 in order to provide the community with an adequate supply of safe drinking water. Water meters will allow the community to accurately assess revenues needed for the financial impacts of constructing a consolidation infrastructure improvements project (i.e., transmission main, booster station, etc.).



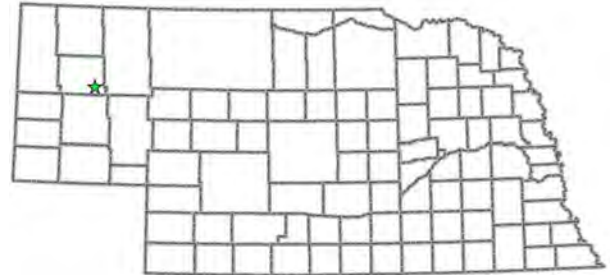
ARRA – DRINKING WATER STATE REVOLVING FUND

City of Alliance

Agreement Execution Date: December 17, 2009
Loan Interest Rate: 3.0%
Repayment Period: 20 years
Construction Status: Project Completed June 15, 2010

SRF Loan Assistance	\$3,894,789
SRF Principal Forgiveness	\$ 83,158
ARRA Principal Forgiveness	<u>\$1,180,715</u>
Total	\$5,158,662

(project finished under budget)



Amount Classified as Green Funding:

Energy Efficiency \$60,334
Total Green Funding \$60,334

Project Name: Phase I Public Water System Improvements.

Project Description: The main phase of the project consists of providing oxidation/filtration treatment at three in-town well locations. The existing wells at these locations will also be replaced due to age and deterioration concerns.

Project Impact: On April 13, 2007, the Nebraska Department of Health and Human Services issued an Exemption for Arsenic Maximum Contaminant Level violations to the City. The Exemption expired in January 2009. This project will address the issues identified in that Exemption, and allow the public water system to return to compliance.



ARRA – DRINKING WATER STATE REVOLVING FUND

City of Auburn

Agreement Execution Date: July 13, 2009
Loan Interest Rate: 3.3%
Repayment Period: 30 years
Construction Status: Project Completed October 1, 2010

ARRA Loan Assistance	\$4,504,500
SRF Principal Forgiveness	\$ 201,500
ARRA Principal Forgiveness	<u>\$1,300,000</u>
Total	\$6,006,000

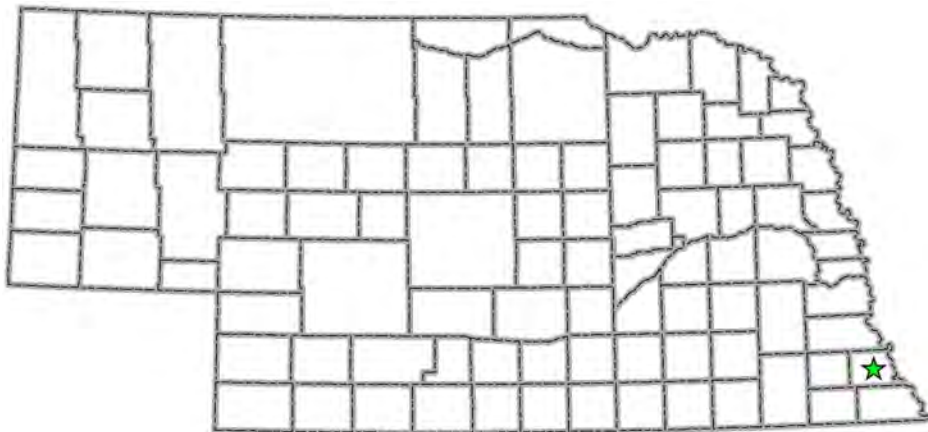


Amount Classified as Green Funding: None.

Project Name: New Water Treatment Plant, New Well and Transmission Main

Project Description: The project is for a new water treatment plant, new municipal well, transmission main, and rehabilitation of an existing booster pump station. Auburn's water source is groundwater pumped from 11 different wells, which receive sand filter and chlorination treatment. Six of Auburn's wells have been tested at least once to determine if the wells are under the influence of surface water. Those tests have deemed that two wells are under the influence of surface water and that three more may be under the influence, with further testing scheduled.

Project Impact: The proposed treatment plant will resolve a possible ground water under the influence of surface water determination for the system. The new plant is being designed with the ability to expand should a regional water system ever be established.



ARRA – DRINKING WATER STATE REVOLVING FUND

City of Bayard

Agreement Execution Date: June 9, 2009
Effective Interest Rate: 3.0%
Repayment Period: 20 years
Construction Status: Project Completed November 10, 2009

ARRA Loan Assistance	\$ 92,320
SRF Loan Assistance	\$ 19,745
ARRA Principal Forgiveness	<u>\$ 99,215</u>
Total	\$211,280

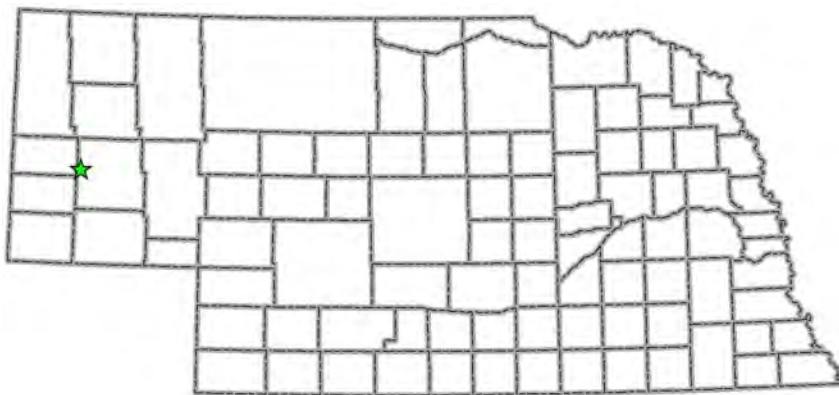
Amount Classified as Green Funding:

Water Efficiency	<u>\$118,816</u>
Total Green Funding	\$118,816

Project Name: New Water Service Meters.

Project Description: Installation of new water meters on services presently not metered, and where needed. Replacement of deteriorated water meters. The project also replaces deteriorated service lines, if encountered, and existing water meters.

Project Impact: The project has no direct impact on treatment. This water meter project will complete the installation of meters throughout the entire system, which will allow the community to accurately assess the financial impacts of potentially joining a regional water system.



ARRA – DRINKING WATER STATE REVOLVING FUND

Village of Bellwood

Agreement Execution Date: December 7, 2009
Effective Interest Rate: 3.0%
Repayment Period: 20 years
Construction Status: Project Completed February 16, 2011

ARRA Loan Assistance	\$141,097
SRF Loan Assistance	\$ 1,827
SRF Principal Forgiveness	\$ 8,970
ARRA Principal Forgiveness	<u>\$ 96,756</u>
Total	\$248,650



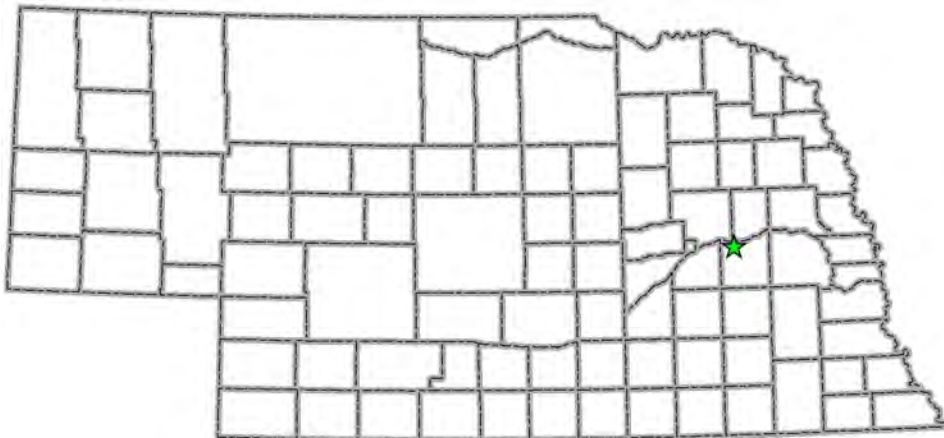
Amount Classified as Green Funding:

Water Efficiency	<u>\$220,850</u>
Total Green Funding	\$220,850

Project Name: New Water Service Meters.

Project Description: Installation of new water meters. The service connections supplied by the City's public water system are not presently metered.

Project Impact: The Department of Health and Human Services has issued an Administrative Order (1/10/2006) for Uranium Maximum Contaminant Level (MCL) violations and an initial violation notice (12/30/2009) for the Arsenic MCL to Bellwood's public water system (PWS). The Village is pursuing alternatives for returning to compliance, including interconnecting with a nearby PWS or treatment. This water meter project will assist with that effort, as metered systems help promote conservation and will allow Bellwood to more accurately identify revenue, needed to efficiently manage a PWS and plan for implementing any infrastructure effort needed to address the Arsenic/Uranium issue.



ARRA – DRINKING WATER STATE REVOLVING FUND

Village of Bennet

Agreement Execution Date: July 16, 2009
Effective Interest Rate: 3.0%
Repayment Period: 20 years
Construction Status: Project Completed May 10, 2010

SRF Loan Assistance	\$612,697
SRF Principal Forgiveness	\$ 20,137
ARRA Principal Forgiveness	<u>\$ 92,166</u>
Total	\$725,000

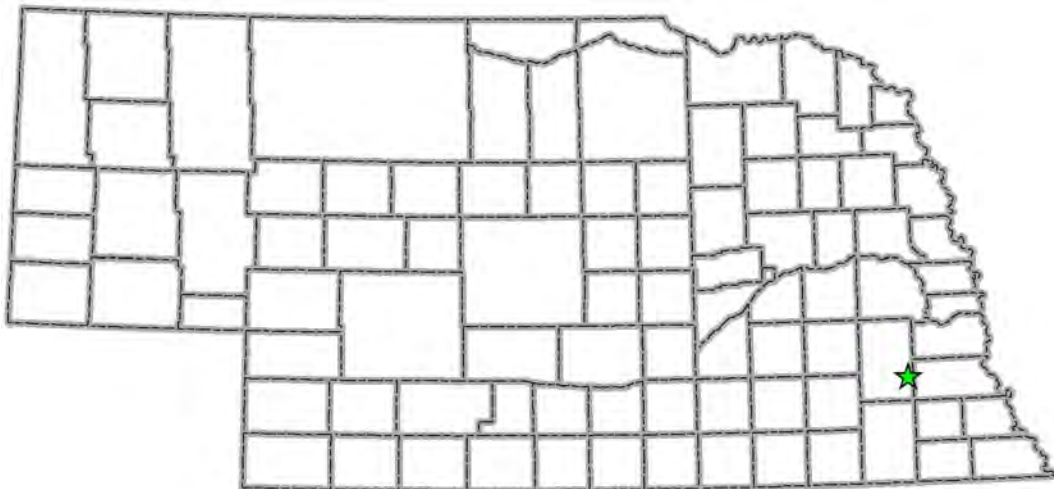


Amount Classified as Green Funding: None.

Project Name: Water Main Replacement.

Project Description: The project is to replace over 7,500 feet of old deteriorated and undersized water main throughout the Village's distribution system.

Project Impact: The majority of the pipe scheduled for replacement is sand cast iron pipe, which a report issued by the University of Nebraska at Lincoln has indicated is likely causing high levels of iron bacteria, sulfate bacteria, and particulate matter in the Village's water supply.



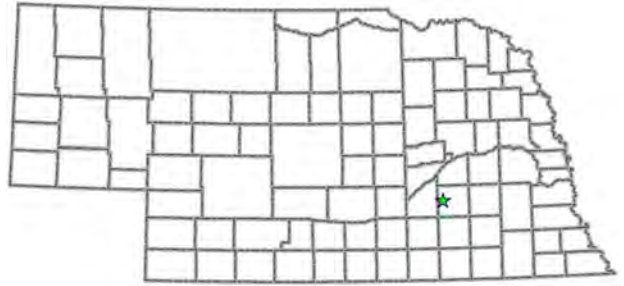
ARRA – DRINKING WATER STATE REVOLVING FUND

Village of Bradshaw

Agreement Execution Date: November 4, 2009
Effective Interest Rate: 3.0%
Repayment Period: 20 years
Construction Status: Project Completed March 2, 2011

ARRA Loan Assistance	\$175,669
ARRA Principal Forgiveness	<u>\$ 72,031</u>
Total	\$247,700

(project finished under budget)



Amount Classified as Green Funding:

Water Efficiency	<u>\$247,700</u>
Total Green Funding	\$247,700

Project Name: New Water Service Meters.

Project Description: Installation of new water meters on services presently not metered.

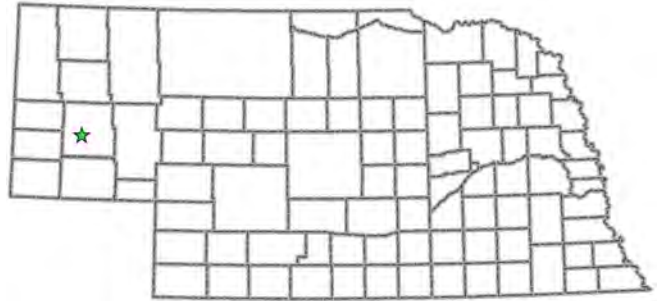
Project Impact: The Village recently drilled a new well to help blend its existing supply due to elevated levels of Nitrates. This project will completely meter the public water system (PWS), helping to promote conservation and allowing Bradshaw to more accurately identify revenue needed to efficiently manage their PWS, as well as the financial impacts from their recent infrastructure project to address Nitrate concerns.



ARRA – DRINKING WATER STATE REVOLVING FUND

City of Bridgeport

Agreement Execution Date: June 30, 2009
Effective Interest Rate: 3.0%
Repayment Period: 20 years
Construction Status: Project Completed March 2, 2010



ARRA Loan Assistance	\$ 733,415
SRF Loan Assistance	\$ 41,653
SRF Principal Forgiveness	\$ 41,653
ARRA Principal Forgiveness	<u>\$ 733,415</u>
Total	\$1,550,136

(project finished under budget)

Amount Classified as Green Funding:

Water Efficiency \$1,466,840
Total Green Funding \$1,466,840

Project Name: New water service meters.

Project Description: Installation of new water meters on services presently not metered. The project will also replace deteriorated or lead service lines, if encountered.

Project Impact: The City of Bridgeport is under an Administrative Order issued for Uranium levels above the MCL. The community is installing ion exchange treatment to reduce Uranium to levels below the MCL.



ARRA – DRINKING WATER STATE REVOLVING FUND

Village of Dalton

Agreement Execution Date: October 13, 2009
Effective Interest Rate: 3.0%
Repayment Period: 20 years
Construction Status: Project Completed September 8, 2010

ARRA Loan Assistance	\$141,950
SRF Loan Assistance	\$ 55,074
SRF Principal Forgiveness	\$ 55,073
ARRA Principal Forgiveness	<u>\$141,950</u>
Total	\$394,047



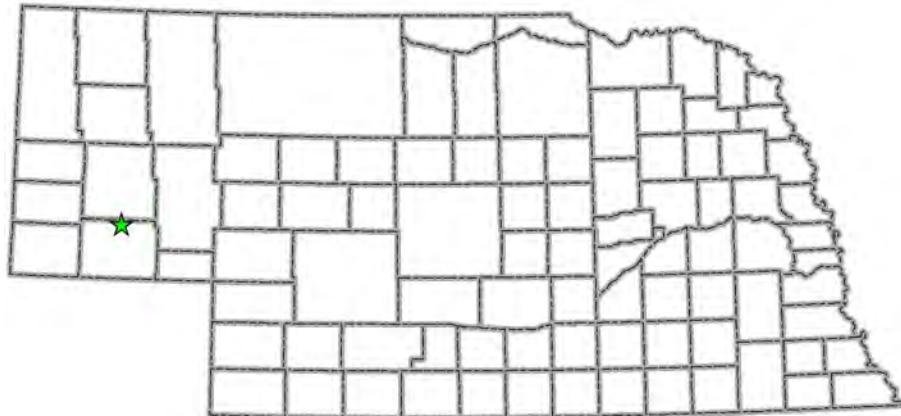
Amount Classified as Green Funding:

Water Efficiency	<u>\$283,900</u>
Total Green Funding	\$283,900

Project Name: New Water Service Meters.

Project Description: Installation of new water meters on services presently not metered. The project will also replace deteriorated or lead service lines, if encountered.

Project Impact: Benefits Village infrastructure. The project has no direct impact on treatment.



ARRA – DRINKING WATER STATE REVOLVING FUND

City of Friend

Agreement Execution Date: October 15, 2009
Effective Interest Rate: 3.0%
Repayment Period: 20 years
Construction Status: Project Completed June 1, 2010



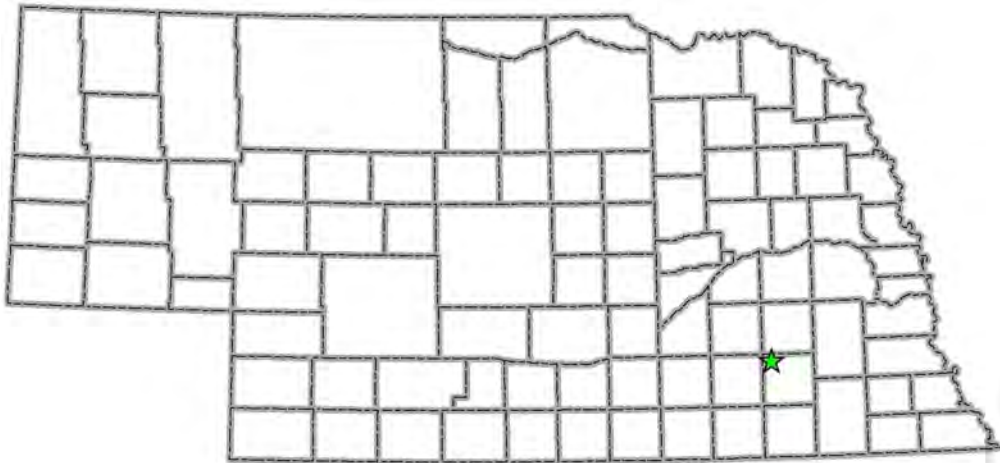
SRF Loan Assistance	\$208,508
SRF Principal Forgiveness	\$ 5,000
ARRA Principal Forgiveness	<u>\$ 62,250</u>
Total	\$275,758

Amount Classified as Green Funding: None.

Project Name: New Municipal Supply Well.

Project Description: This project is for a new well that will serve as the long-term replacement of an existing supply well in the City's public water system (PWS).

Project Impact: The PWS's South Well has seen seasonal increases in Nitrate levels ranging up to concentrations of 16 mg/L, well above EPA's Maximum Contaminant Level. The City, through a regional interconnection, provides drinking water to the Village of Cordova, which lost its water supply due to elevated levels of Nitrates. As such, development of a new reliable water source for the City of Friend will also benefit that PWS.



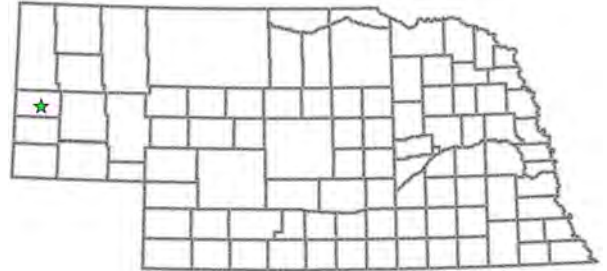
ARRA – DRINKING WATER STATE REVOLVING FUND

City of Gering

Agreement Execution Date: July 14, 2009
Effective Interest Rate: 3.08%
Repayment Period: 30 years
Construction Status: Est. Completion December 2011

SRF Loan Assistance	\$7,000,000
SRF Principal Forgiveness	\$ 547,319
ARRA Principal Forgiveness	<u>\$1,672,846</u>
Total	\$9,220,165

(project finished under budget)



Amount Classified as Green Funding: None.

Project Name: New Municipal Well field, Transmission Main, Water Pumping Station, and Two Storage Reservoirs.

Project Description: The main phase of the project consists of four new municipal supply wells in a well field to the northwest of the City of Gering, with approximately five miles of 24" transmission main to a blending facility/pump station, which will be the new point of entry for the public water system. A new 1-million gallon reservoir will be constructed at the blending facility, along with an 8,000-gallon per minute high service pump station. This project will address the issues identified in that Order, and allow the public water system to return to compliance.

Project Impact: On August 16, 2005, the Nebraska Department of Health and Human Services issued an Administrative Order for Uranium Maximum Contaminant Level (MCL) violations to the City. Further, there are elevated levels above the Arsenic MCL in some of the system's wells. The blending facility will allow the City to maintain its existing Midtown well field, by using blending as the form of treatment to reduce the levels of Arsenic and Uranium present at that location. Separate phases of the project include pumping modifications to the existing Midtown wellfield and a new 1-million gallon storage tank for increased system capacity.



ARRA – DRINKING WATER STATE REVOLVING FUND

Village of Laurel

Agreement Execution Date: October 8, 2009
Effective Interest Rate: 3.0%
Repayment Period: 20 years
Construction Status: Est. Completion December 2011

SRF Loan Assistance	\$357,266
SRF Principal Forgiveness	\$ 34,653
ARRA Principal Forgiveness	<u>\$ 84,436</u>
Total	\$476,355



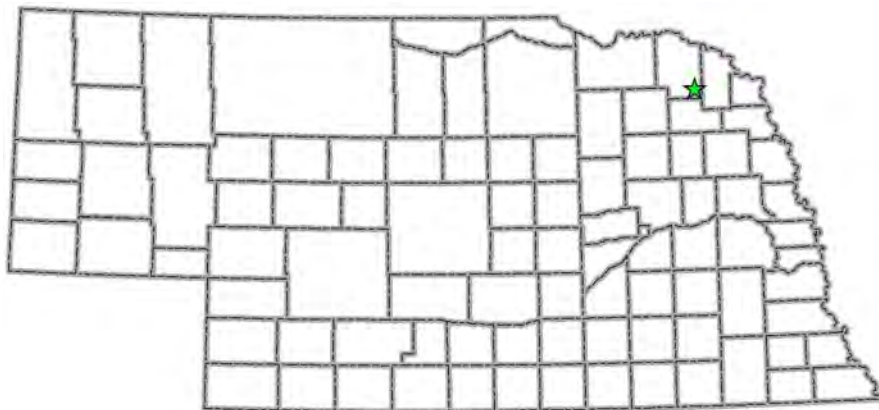
Amount Classified as Green Funding:

Energy Efficiency	<u>\$11,830</u>
Total Green Funding	\$11,830

Project Name: New Municipal Well.

Project Description: The public water system (PWS) operated by the City of Laurel has two active production wells. The City's West Well is only operated during the summer to help meet peak system demands. That is due to concentrations of Selenium (84.9 ug/L) and Uranium (47.6 ug/L) being detected in that well at levels above EPA's Maximum Contaminant Level (MCL), and a Notice of Violation issued by the Nebraska Department of Health and Human Services (NDHHS). At times, elevated levels of Nitrates (8.8 mg/L) have also been detected in the well. The primary phase of this project is to replace that well. The replacement well will have adequate capacity to meet the PWSs existing demand, and test well data show low concentrations of Nitrates, Selenium and Uranium, well below MCLs. A separate phase of the project is to replace an undersized section of water main to mitigate a pressure bottleneck within the City's distribution system.

Project Impact: The City's West Well is only operated during the summer to help meet peak system demands. That is due to concentrations of Selenium (84.9 ug/L) and Uranium (47.6 ug/L) being detected in that well at levels above EPA's Maximum Contaminant Level (MCL), and a Notice of Violation issued by the Nebraska Department of Health and Human Services (NDHHS). At times, elevated levels of Nitrates (8.8 mg/L) have also been detected in the well.



ARRA – DRINKING WATER STATE REVOLVING FUND

Metropolitan Utilities District of Omaha (MUD)

Agreement Execution Date: May 15, 2009
Effective Interest Rate: 3.0%
Repayment Period: 20 years
Construction Status: Est. Completion December 2011

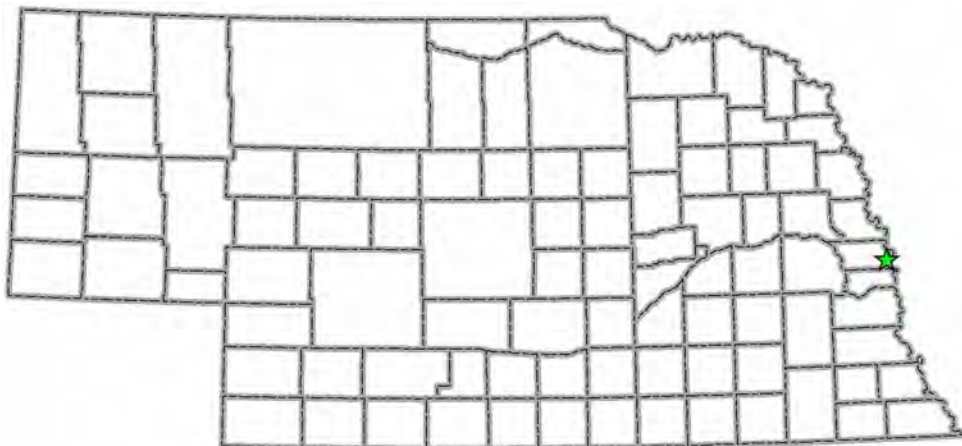
ARRA Loan Assistance	\$5,447,225
SRF Loan Assistance	\$ 512,000
ARRA Principal Forgiveness	<u>\$1,089,775</u>
Total	\$7,049,000

Amount Classified as Green Funding: None.

Project Name: Metropolitan Utilities District of Omaha, Nebraska - New Contact Basin at Platte South Wastewater Treatment Plant.

Project Description: The project is a new 3.6 Million Gallon Contact Basin needed for increase detention time in order to provide 3-log inactivation of Giardia, due to the Groundwater Under the Direct Influence of Surface Water (GWUDI) determination.

Project Impact: In 2007, the Nebraska Department of Health and Human Services issued a determination that the District's Platte South Well field was GWUDI. As a result of the determination, the Platte South treatment facility needs to be modified to meet the requirements of EPA's Surface Water Treatment Rule, the Interim Enhanced Surface Water Treatment Rule, and the LT2 Enhanced Surface Water Treatment Rule. With the new 3.6 Million Gallon Contact Basin, MUD's Platte South treatment plant will provide a 3-log inactivation of Giardia Lamblia.



ARRA – DRINKING WATER STATE REVOLVING FUND

Village of North Loup

Agreement Execution Date: October 16, 2009
Effective Interest Rate: 3.0%
Repayment Period: 20 years
Construction Status: Project Completed November 29, 2010

ARRA Loan Assistance	\$156,283
ARRA Principal Forgiveness	<u>\$156,282</u>
Total	\$312,565



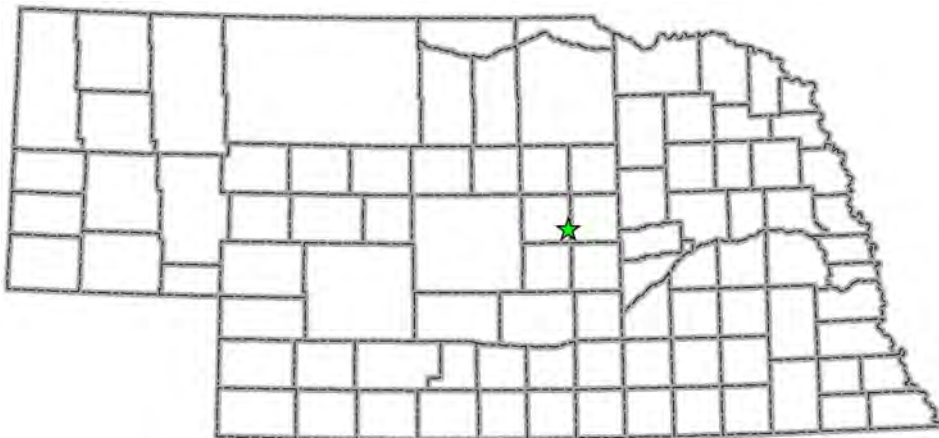
Amount Classified as Green Funding:

Water Efficiency	<u>\$312,565</u>
Total Green Funding	\$312,565

Project Name: New Water Service Meters.

Project Description: Installation of new water meters. The services connections supplied by the Village's public water system are not presently metered.

Project Impact: The Department of Health and Human Services has issued Notice of Violations to the Village of North Loup's public water system (PWS) for Total Coliform. Significant deterioration in the Village's water tower has been documented, which may be a cause of the PWS's coliform problems. The Village is pursuing an alternative for replacing that water tower. This water meter project will assist with that effort, as metered systems help promote conservation and will allow North Loup to more accurately identify revenue, needed to efficiently manage a PWS and plan for implementing the infrastructure effort needed to replace the water tower.



ARRA – DRINKING WATER STATE REVOLVING FUND

City of Osceola

Agreement Execution Date: October 16, 2009
Effective Interest Rate: 3.0%
Repayment Period: 20 years
Construction Status: Project Completed August 31, 2010

ARRA Loan Assistance	\$270,772
ARRA Principal Forgiveness	<u>\$175,826</u>
Total	\$446,598



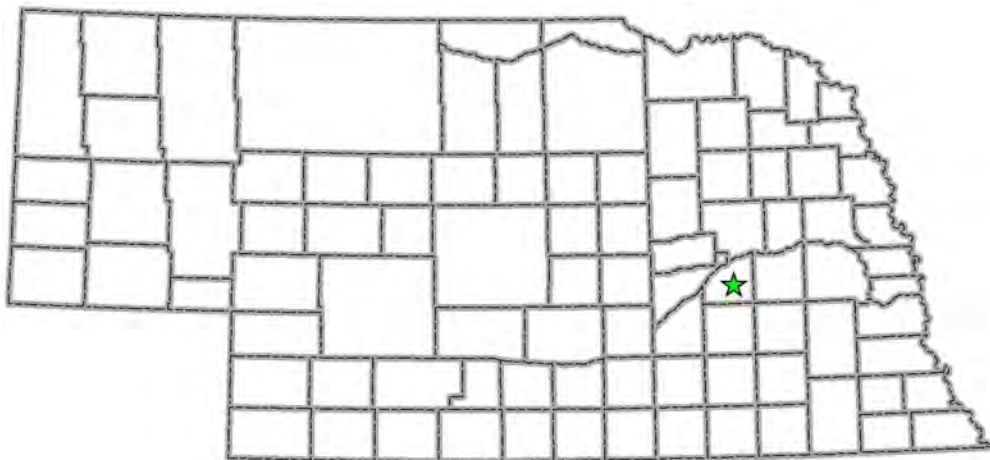
Amount Classified as Green Funding:

Water Efficiency	<u>\$446,598</u>
Total Green Funding	\$446,598

Project Name: New Water Service Meters.

Project Description: Installation of new water meters. The services connections supplied by the City's public water system are not presently metered.

Project Impact: The Department of Health and Human Services has issued an Arsenic Exemption to the City of Osceola's public water system (PWS). The level of Arsenic (14.1 ug/L) in one of the PWS's supply wells exceeds the Maximum Contaminant Level. The City is pursuing alternatives for remaining in compliance with the Arsenic standard (e.g., replacement well, etc.). This water meter project will assist with that effort, as metered systems help promote conservation and will allow Osceola to more accurately identify revenue, needed to efficiently manage a PWS and plan for implementing any infrastructure effort needed to address the Arsenic issue.



ARRA – DRINKING WATER STATE REVOLVING FUND

Village of Phillips

Agreement Execution Date: October 18, 2009
Effective Interest Rate: 3.0%
Repayment Period: 20 years
Construction Status: Project Completed October 15, 2010

ARRA Loan Assistance	\$166,643
ARRA Principal Forgiveness	<u>\$ 97,157</u>
Total	\$263,800



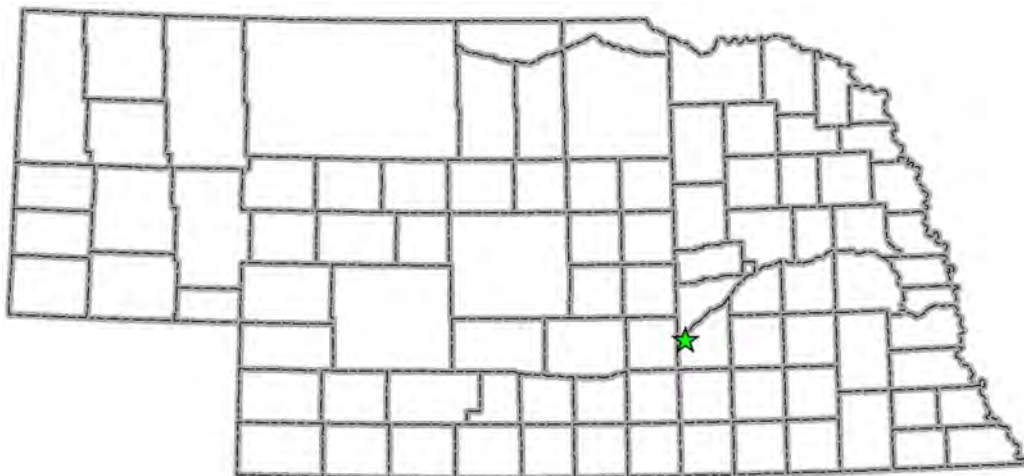
Amount Classified as Green Funding:

Water Efficiency	<u>\$263,800</u>
Total Green Funding	\$263,800

Project Name: New Water Service Meters.

Project Description: Installation of new water meters. The services connections supplied by the Village's public water system are not presently metered.

Project Impact: Through monitoring by the Department of Health and Human Services, the Village's North Well has been placed on Emergency Use Only status due to elevated levels of Uranium (130.5 ug/L) and Nitrates (18 mg/L), that have exceeded the Maximum Contaminant Level. The Village is pursuing alternatives for remaining in compliance with those standards (e.g., replacement well, treatment, etc.). This water meter project will assist with that effort, as metered systems help promote conservation and will allow Phillips to more accurately identify revenue, needed to efficiently manage a Public Water System and plan for implementing any infrastructure effort needed to address the Uranium & Nitrate issues.



ARRA – DRINKING WATER STATE REVOLVING FUND

Village of Pleasant Dale

Agreement Execution Date: October 8, 2009
Effective Interest Rate: 3.0%
Repayment Period: 20 years
Construction Status: Project Completed April 29, 2010

SRF Loan Assistance	\$106,126
ARRA Principal Forgiveness	<u>\$ 14,225</u>
Total	\$120,351



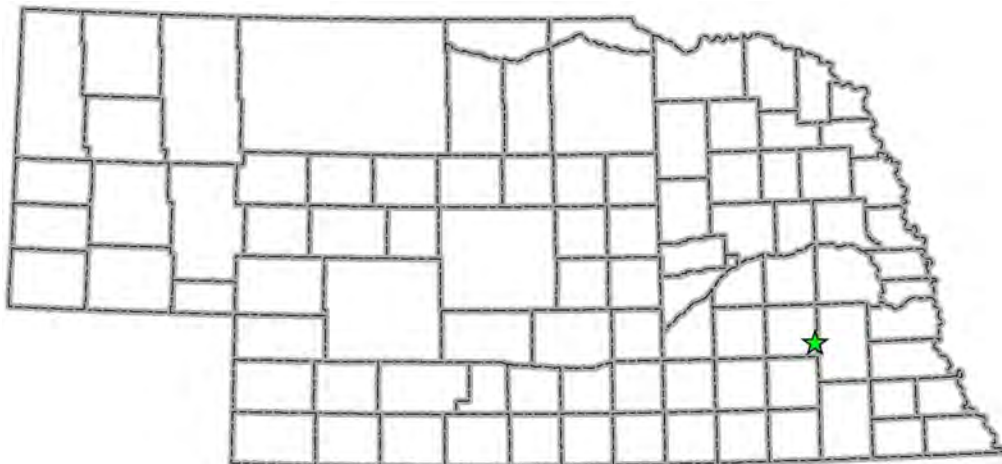
Amount Classified as Green Funding:

Energy Efficiency	<u>\$3,500</u>
Total Green Funding	\$3,500

Project Name: New Water Blending and Distribution System Improvements

Project Description: The primary phase of the project is to provide control system, piping and pumping improvements that will allow the Village to blend its existing supply wells. This project will allow the supply from the East Well to be blended with the water from the West Well prior to entry into the distribution system. The levels of Nitrates in the West Well are much lower in concentration. The proposed blending will also reduce the levels of iron and manganese, considered secondary contaminants by the EPA. In implementing blending, a Variable Frequency Drive (VFD) and backup power will be installed on the system's West Well. Backup power will ensure a safe supply of adequate drinking water on a continuous basis. The final phase of the project will be looping of mains within the distribution system to improve system flows and pressures.

Project Impact: The levels of Nitrates in the public water system's (PWS's) East Well have been measured up to 12 mg/L. This project will allow the supply from the East Well to be blended with the water from the West Well prior to entry into the distribution system. The levels of nitrates in the West Well are much lower in concentration. The proposed blending will also reduce the levels of iron and manganese, considered secondary contaminants by the EPA.



ARRA – DRINKING WATER STATE REVOLVING FUND

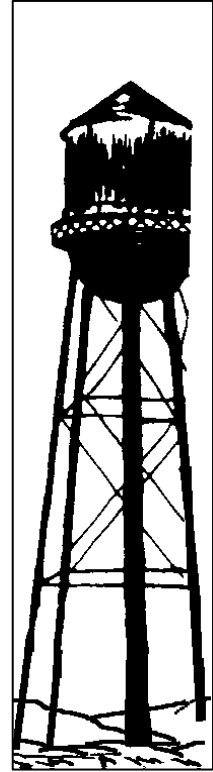
City of St. Paul

Agreement Execution Date: June 1, 2009
Effective Interest Rate: 3.374%
Repayment Period: 20 years
Construction Status: Project Completed October 1, 2010

SRF Loan Assistance	\$606,000
SRF Principal Forgiveness	\$ 80,265
ARRA Principal Forgiveness	<u>\$121,735</u>
Total	\$808,000

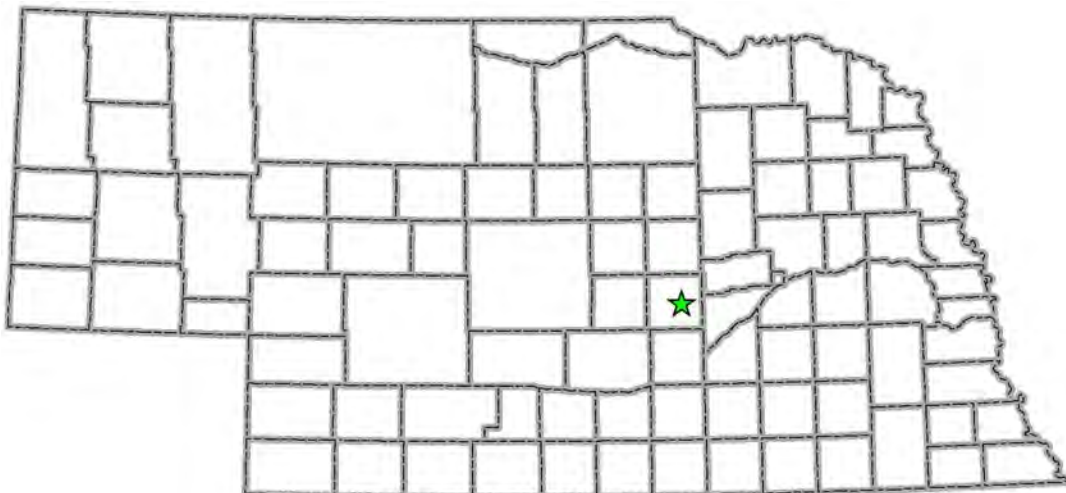
Amount Classified as Green Funding: None.

Project Name: New Municipal Well and Water Tower Repaint and Other Water System Improvements.



Project Description: The primary phase of the project is to replace Well No. 72-1 that in November 2006 was determined to be Groundwater Under the Influence of Surface Water (GWUDI) by the Nebraska Department of Health and Human Services through Microscopic Particulate Analysis. Finally, the high service pumps at the treatment plant will be upgraded.

Project Impact: The new well being constructed as part of this project will replace a Well No. 72-1 that was determined to be GWUDI by the Department of Health and Human Services. By decommissioning and replacing Well No. 72-1, the City of St. Paul will continue to provide an adequate supply of safe drinking water to its consumers.

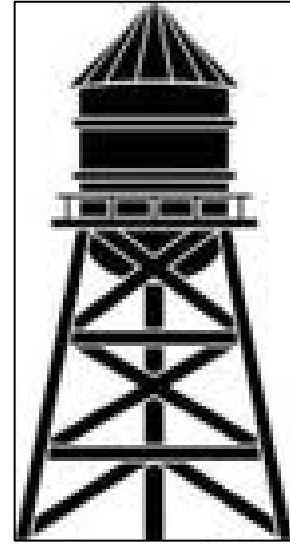


ARRA – DRINKING WATER STATE REVOLVING FUND

City of Schuyler

Agreement Execution Date: September 18, 2009
Effective Interest Rate: 3.0%
Repayment Period: 20 years
Construction Status: Project Completed May 20, 2011

SRF Loan Assistance	\$1,560,451
SRF Principal Forgiveness	\$ 10,275
ARRA Principal Forgiveness	<u>\$ 509,875</u>
Total	\$2,080,601



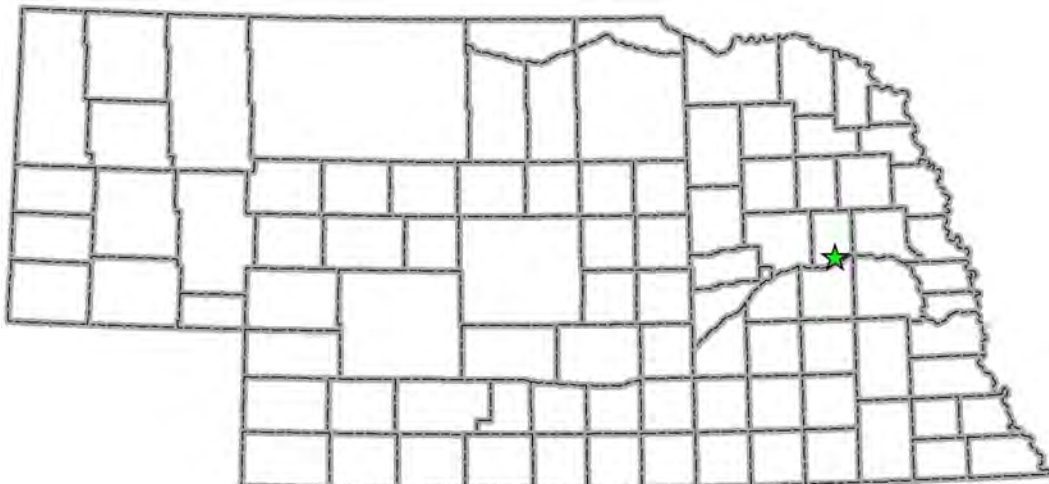
Amount Classified as Green Funding:

Energy Efficiency	<u>\$14,000</u>
Total Green Funding	\$14,000

Project Name: New Municipal Well house and Equipment, Transmission Mains, and Elevated Storage Tank.

Project Description: The project is for the completion of a new well with transmission main, a new 500,000-gallon water tower, and transmission mains to connect the new well and tower to a common point of entry into Schuyler's distribution system. This project will also join together two wells recently constructed by the community in 2006 and 2008, into a single transmission network.

Project Impact: Schuyler has had to disconnect or place on emergency use only status six (6) of their former supply wells due to water quality issues. One due to bacteriological contamination, two due to levels of Nitrates in excess of the MCL (10 mg/L) and three were disconnected due to Uranium levels above the MCL (30 ug/L). This project completes the replacement of that lost system supply and provides the community with a single common point of entry, should treatment of their new source ever be needed.



ARRA – DRINKING WATER STATE REVOLVING FUND

Village of Shelby

Agreement Execution Date: November 3, 2009
Effective Interest Rate: 3.0%
Repayment Period: 20 years
Construction Status: Project Completed March 17, 2011

ARRA Loan Assistance	\$161,707
SRF Loan Assistance	\$ 16,000
SRF Principal Forgiveness	\$ 8,390
ARRA Principal Forgiveness	<u>\$ 87,533</u>
Total	\$273,630



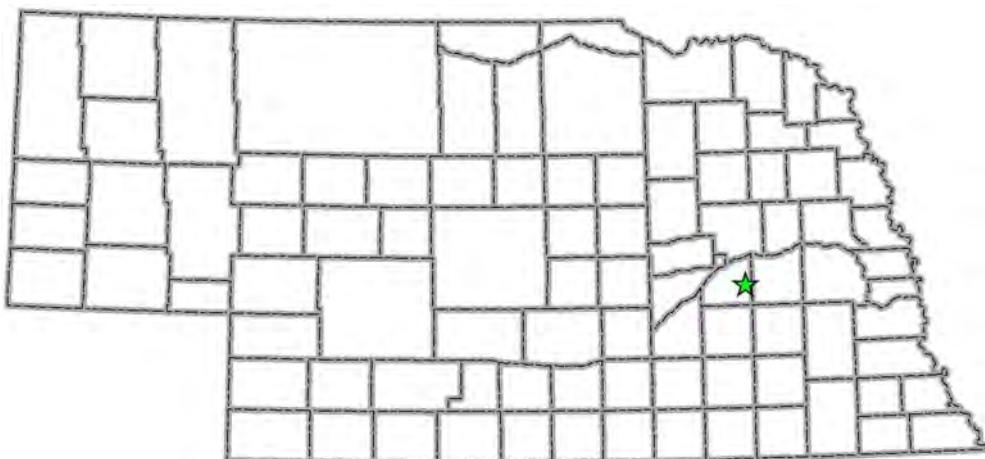
Amount Classified as Green Funding:

Water Efficiency	<u>\$249,240</u>
Total Green Funding	\$249,240

Project Name: New Water Service Meters.

Project Description: Installation of new water meters. The services connections supplied by the Village's public water system are not presently metered.

Project Impact: The Department of Health and Human Services has issued an Arsenic Exemption to the Village of Shelby's public water system (PWS). The level of Arsenic in both of the PWS's supply wells is 18.7 ug/L, which exceeds the Maximum Contaminant Level of 10.0 ug/L. The Village is pursuing treatment as an alternative for remaining in compliance with the Arsenic standard. This water meter project will assist with that effort, as metered systems help promote conservation and will allow Shelby to more accurately identify revenue, needed to efficiently manage a PWS and plan for implementing any infrastructure effort needed to address the Arsenic issue.



ARRA – DRINKING WATER STATE REVOLVING FUND

Village of Sutherland

Agreement Execution Date: August 26, 2009
Effective Interest Rate: 3.0%
Repayment Period: 20 years
Construction Status: Project Completed June 15, 2011

SRF Loan Assistance	\$1,081,321
ARRA Principal Forgiveness	<u>\$ 340,348</u>
Total	\$1,421,669



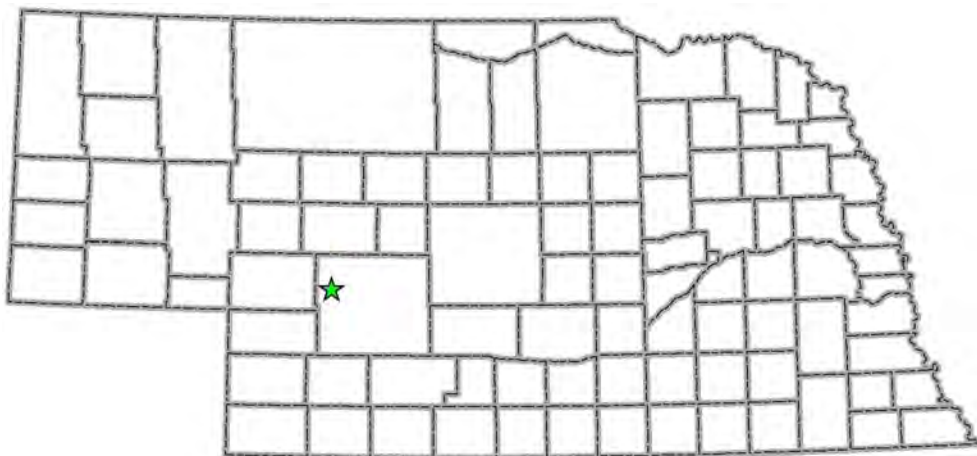
Amount Classified as Green Funding:

Energy Efficiency	<u>\$93,000</u>
Total Green Funding	\$93,000

Project Name: Construction of a New Well Field and Transmission Main.

Project Description: The project consists of drilling three new replacement wells. The Village's current wells contain rising levels of nitrates and uranium, and there are wellhead protection concerns for Wells 1 and 2 from nearby contaminant sources (i.e., VOCs). The wells will be complete with well houses, pumps, motors, and valves. The project will also include a twelve inch diameter transmission main of approximately 1.5 miles, which will be constructed from the new well field east and then north under Interstate 80 and the South Platte River to Sutherland's distribution system.

Project Impact: The public health goal for Sutherland's project is to maintain compliance with the water quality standards of Nebraska's Regulations Governing Public Water Systems, Title 179. The Village's well #3 currently contains rising levels of nitrates (9.9 ug/L) and uranium, also wells #1 and #2 are located nearby to contaminant sources and contain high levels on uranium. Those concerns will be mitigated with replacing those wells at the new well field location.



ARRA – DRINKING WATER STATE REVOLVING FUND

City of Wahoo

Agreement Execution Date: December 29, 2009
 Effective Interest Rate: 3.0%
 Repayment Period: 20 years
 Construction Status: Project Completed September 28, 2010

SRF Loan Assistance	\$299,274
SRF Principal Forgiveness	\$ 14,003
ARRA Principal Forgiveness	<u>\$ 85,756</u>
Total	\$399,033

Amount Classified as Green Funding:

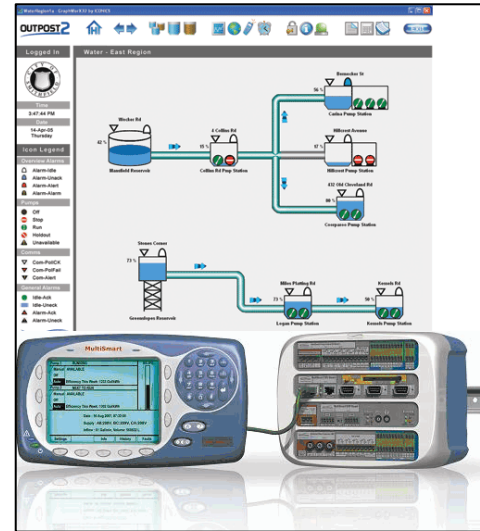
Energy Efficiency	<u>\$18,000</u>
Total Green Funding	\$18,000

Project Name: New Well with Transmission Main and SCADA Improvements.

Project Description: Wahoo recently interconnected with the Village of Colon, a small town of 140 people. That Village lost its water supply due to high levels of Arsenic and Uranium, and a determination of Groundwater Under the Influence of Surface Water. In addition to the new well, improvements will be made to the controls (i.e., SCADA) for the entire water system, to allow the system to operate more efficiently. The project also includes planning and design costs for possibly extending the Wahoo distribution system to an area served by private wells. That area may have elevated levels of Nitrates, but the project was unable to make the ARRA deadline. Therefore, those costs were funded solely out of the base DWSRF program for construction that may proceed at a future date.

The project also includes planning and design costs for possibly extending the Wahoo distribution system to an area served by private wells.

Project Impact: The water quality of the system's existing wells is acceptable; however, through quarterly monitoring Nitrate levels in one of the wells has been detected as high as 8.1 mg/L. Between 2000 and 2005 though, the system lost three other production wells due to elevated levels of Nitrates above the Maximum Contaminant Level (MCL) and/or excessive age (>70 years old).



ARRA – DRINKING WATER STATE REVOLVING FUND

City of Wayne

Agreement Execution Date: December 1, 2009
Effective Interest Rate: 3.0%
Repayment Period: 20 years
Construction Status: Est. Completion December 2011

SRF Loan Assistance	\$ 800,000
SRF Principal Forgiveness	\$ 60,325
ARRA Principal Forgiveness	<u>\$ 189,675</u>
Total	\$1,050,000



Amount Classified as Green Funding:

Energy Efficiency	<u>\$15,709</u>
Total Green Funding	\$15,709

Project Name: New Well with Transmission Main, Booster Station and Water Main Replacement and Looping

Project Description: An engineering evaluation was developed in 2009, which indicated a need for a new supply well as a long-term replacement of Well No. 70-1 due to quality, redundancy and reliability supply concerns. That evaluation also noted four locations within the City's distribution system where looping of dead end lines is needed to provide better service and minimize poor water quality impacts. Separately, a design memorandum was prepared in March 2008 for a booster pump station that was constructed in early 2009, being placed into service in May 2009. An existing service area to the west of the City is situated at higher elevations than the remaining sections. The study concluded that a booster station was needed to increase supply and pressure for domestic use within that service area. The last phase of the project is the replacement of over 2,300 feet of old water main in a subdivision just northwest of the City.

Project Impact: The City has two wells (Nos. 54-1 & 65-1) that were placed on emergency use only status within the past decade, due to levels of Nitrates above the Maximum Contaminant Level (MCL). Elevated levels of Nitrates (9.8 µg/L) and Selenium (79.1 µg/L), at levels above the MCL, have also been detected in Well No. 70-1. Well No. 70-1 can only operate when Well No. 88-1 or 90-1 is pumping, to provide for an adequate blended supply of safe drinking water below MCLs.



ARRA – DRINKING WATER STATE REVOLVING FUND

City of Wymore

Agreement Execution Date: October 7, 2009
Effective Interest Rate: 3.0%
Repayment Period: 20 years
Construction Status: Project Completed December 10, 2010

SRF Loan Assistance	\$1,489,829
SRF Principal Forgiveness	\$ 5,076
ARRA Principal Forgiveness	<u>\$ 491,534</u>
Total	\$1,986,439

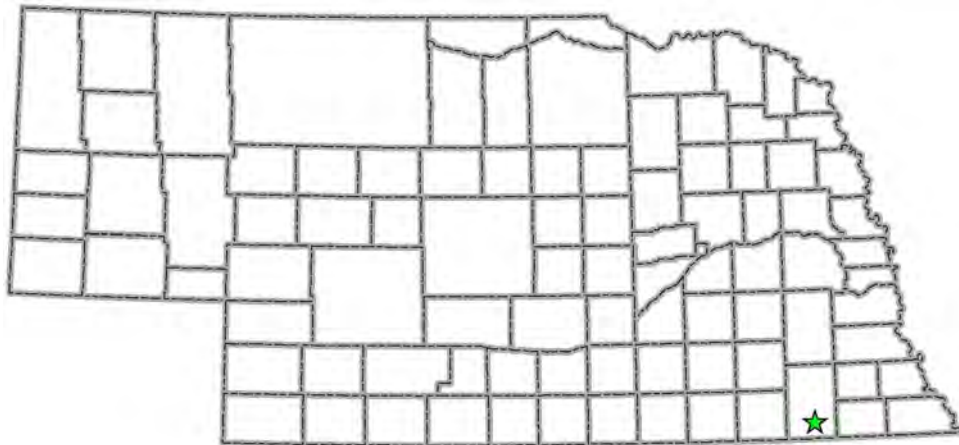


Amount Classified as Green Funding: None.

Project Name: Wymore Drinking Water Utility Improvements.

Project Description: Five of the six existing wells operated by the Wymore public water system were deemed Groundwater Under the Influence of Surface Water (GWUDI) by the Nebraska Department of Health and Human Services (DHHS) in 2007. The primary project phase consists of drilling three replacement wells to resolve the GWUDI determination. Each replacement well will have a 450-gpm capacity to meet the systems existing needs, and will be connected to the City's transmission network via 6" to 10" sized water main. Further, the system has an extensive amount of old undersized (primarily 4" in diameter) sand cast iron pipe in its distribution system, which was installed dating back to the 1940's. A separate project phase is to replace nearly five miles of that old pipe with new 6" to 12" sized water main.

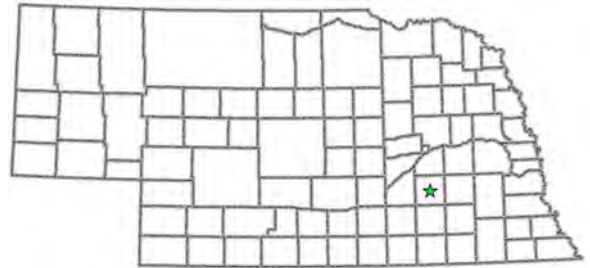
Project Impact: Five of the six existing wells operated by the Wymore public water system were deemed Groundwater Under the Influence of Surface Water (GWUDI) by the Nebraska Department of Health and Human Services (DHHS) in 2007. Routine maintenance performed in 2007 on three of the wells scheduled for replacement showed wire-to-water efficiencies ranging from 40.4% to 56.8%. These wells were drilled in 1941. The minimum specified wire-to-water efficiencies of the replacement well pumps and motors is 80%, permitting that portion of this project to be considered part of the ARRA Green Project Reserve. Wire-to-water efficiency is defined as the combined efficiency of a pump and motor together. It is also referred to as overall efficiency.



ARRA – DRINKING WATER STATE REVOLVING FUND

City of York

Agreement Execution Date: January 22, 2010
Effective Interest Rate: 3.0%
Repayment Period: 20 years
Construction Status: Project Completed June 1, 2011



ARRA Loan Assistance	\$2,111,042
SRF Loan Assistance	\$ 309,100
SRF Loan Forgiveness	\$ 52,625
ARRA Principal Forgiveness	<u>\$ 754,089</u>
Total	\$3,226,856

Amount Classified as Green Funding: None.

Project Name: York Water System Improvements – New Well Field with Transmission Main and Main Replacements.

Project Description: A Master Plan was developed in 2003, followed by a Water Well Field Investigation in 2007 and modeling of the proposed well field in January of 2009. The recommended new source alternative from those studies was for this projects' new well field, which will include six wells with capacities ranging from 600 to 800 gallons per minute and over a mile of 18" transmission main. The new wells will be installed to the east of York in a well field recently purchased by the City. A separate phase of the project is the replacement of old undersized water mains within the distribution system. Approximately, 4,000 feet of 8" pipe will be installed to replace 4" main that is 50 to 70 years old and to loop several dead ends to improve pressures. These areas were identified for improvement in the Master Plan.

Project Impact: York's eleven active production wells are scattered throughout the City with all but one well pumping directly into the distribution system without treatment. That well, 97-1A, is blended with another prior to the point of entry due to levels of Nitrates above the Maximum Contaminant Level (MCL). Nitrate levels in four other system wells are elevated, with concentrations ranging from 8 to 10 mg/L detected through recent quarterly monitoring. In addition, York placed two other wells on emergency use only status in March of 2005 as a result of Uranium levels detected above the MCL. York's eleven active production wells are scattered throughout the City with all but one well pumping directly into the distribution system without treatment. That well, 97-1A, is blended with another prior to the point of entry due to levels of Nitrates above the Maximum Contaminant Level (MCL). Nitrate levels in four other system wells are elevated, with concentrations ranging from 8 to 10 mg/L detected through recent quarterly monitoring. In addition, York placed two other wells on emergency use only status in March of 2005 as a result of Uranium levels detected above the MCL.