

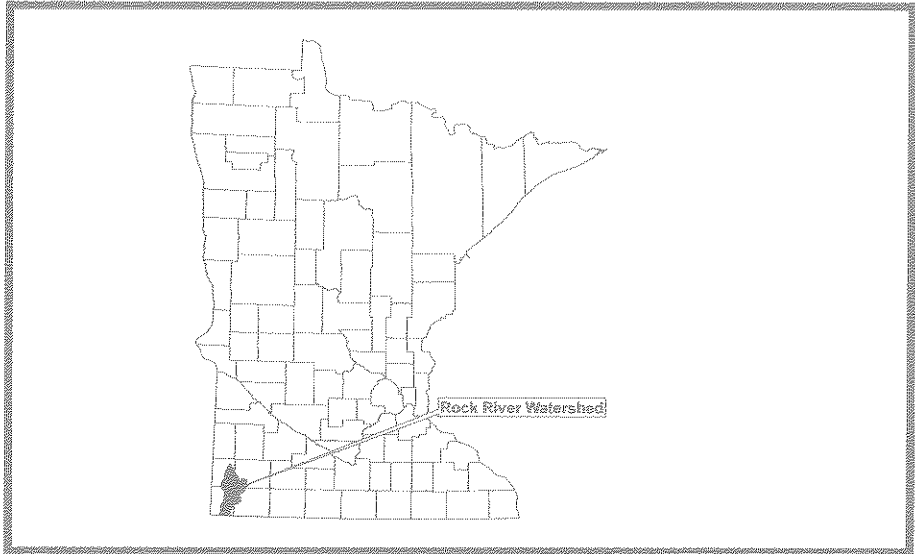
Rock County SWCD/Land Man- agement

Water of Concern
Rock River

Impairment
Fecal coliform bacteria

**Project Title: Rock County Low Income Imminent Health
Threat Correction**

CWL Funding by Category	
Technical Assistance Funds	
BWSR Technical Assistance Grant	Type here
Implementation Funds	
MDA AgBMP Loans for SSTS	Type here
BWSR SSTS Inventory Grant	Type here
BWSR SSTS Low Income Fit-Up Grant	\$31,000
Leveraged Dollars	\$ 8,299.20
Total CWL Funding	\$31,000



Overall Project Description (abstract)

To assist low income households to upgrade failing and non-conforming septic systems. The 2000 Census shows that there are currently 1236 rural households in Rock County. The 2000 Census also shows that seven percent (90 households) are below the poverty level. We recognize that there are several rural residences that are still utilizing non-complaint systems and have found that it is usually these low income households that tend to have non-compliant systems with no financial means to correct their subsurface treatment systems.

PROJECT CONTACT
Douglas Bos
507-283-8862 Ext. #3
Douglas.bos@mn.nacdnet.net

*Prepared by Board of Water and Soil Resources
Fiscal Year 2007-2009 Clean Water Legacy Project*

Subsurface Sewage Treatment System (SSTS) Inventory Data

Target Area	Total # of Parcels in Target Area	Total # of Parcels In-ventoried	Total Failing SSTS Identified	Total ITPHS SSTS Identified	Total SSTS Fixed as a result of the inventory	Total Cost of Inventory
<i>Ex- Stormy Lake Watershed</i>	750	500	50	20	5	\$75,000

SSTS Low Income Imminent Health Threat Fix-Up Data

Location	Number of Landowners Contacted	Number of Systems Fixed	Total Grant Funds Ex-pended	Funds Leveraged by Landowners
<i>Ex- Stormy County</i>	20	10	\$50,000	\$10,000
Rock County	18	6	\$ 31,000	\$ 2,172.13

Contributing Partners (non-landowners)

Partner	Description	Project Contri-bution	Leveraged Funds
<i>Rock River SSTS Re-placement Loan Program</i>	<i>Low Interest Loan</i>	<i>Cash</i>	<i>\$ 4,927.07</i>
Rock SWCD/LMO	Additional funds to educate Rock County family services & Rock/Nobles public health to inform residents of assistance for low income households to upgrade/replace failing septic systems	In Kind	\$ 1,200.00

Project Informational/Educational Activities

Type of Activity	Newsletters, Brochures, Posters, Etc.	Tour or Demos	Presentations Given	Presentations by guest speakers	Other
<i>Ex. SSTS Outreach</i>	6	1	2	1	
SSTS Outreach	5	0	3	0	

Project Outcomes: Detail specific project outcomes that work towards meeting total maximum daily load study or local water plan and County SSTS program water quality.

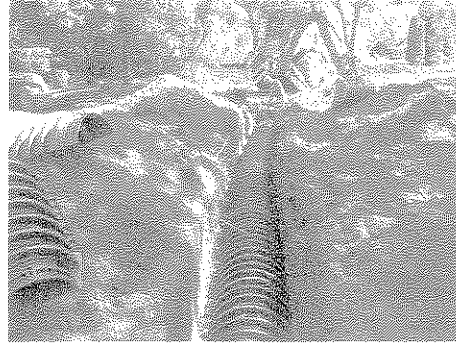
Outcomes Narrative (200 words or less)

Replacement of failing SSTS's has been shown to be 100 percent effective in reducing fecal coliform. The Rock River TMDL implementation Plan lists SSTS replacement as one of the action items for point source management measures. Rock SWCD/LMO is aware that there are several rural residences that are still utilizing noncompliant systems and has found that it is usually these low income households that tend to have non-compliant systems with no financial means to correct their subsurface treatment system. We have utilized these grant dollars to install 6 new SSTS systems for low income households in the Rock River Watershed and effectively reduced fecal coliform bacteria delivery to the Rock River.

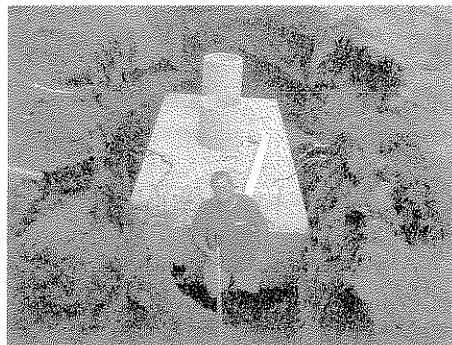
Based upon design standards of the 6 systems installed and utilizing information on TSS and fecal coliform from domestic wastewater, the replacement of the 6 systems will reduce calendar year loads of TSS and fecal coliform up to these following values: 3,870,700 milligrams of TSS and 965.18 trillion fecal coliform bacteria.

Estimated number of SSTS to be upgraded in the county	Plan or Program Targets for SSTS to be Upgraded Each Year	Total Number of SSTS Fixes with this Project	% of Local Goals Met with this Project	Gallons of sewage reduced
<i>Ex. 1000</i>	<i>100</i>	<i>15</i>	<i>1.5%</i>	<i>30,000 gallons</i>
562	25—30	6	.01%	2550 gallons per day

Project Photos, Additional Maps, or Conservation Practice Designs



Septic Chambers



Septic Tank Replacement