



## Grant All-Detail Report 2011 - Clean Water Assistance

**Grant Title** - 2011 - Clean Water Assistance - Lincoln (SWCD)

**Grant ID** - C13-0256

**Organization** - Lincoln SWCD

<b>Grant Awarded Amount</b>	<b>\$184,210.00</b>	<b>Grant Execution Date</b>	
<b>Required Match Amount</b>	\$46,052.50	<b>Grant End Date</b>	1/1/2020
<b>Required Match %</b>	25%	<b>Grant Day To Day Contact</b>	

### Budget Summary

	Budgeted	Spent	Balance Remaining
Total Grant Amount	\$184,210.00	\$170,125.00	\$14,085.00
Total Match Amount	\$155,597.26	\$155,597.26	\$0.00
Total Other Funds	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$339,807.26</b>	<b>\$325,722.26</b>	<b>\$14,085.00</b>

### Budget Details

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
2011 CWF-Verdi Wellhead Protection Area Project Technical	Technical/Engineering Assistance	Local Fund	2011 Lincoln-Pipestone Rural Water	\$32,500.00	\$32,500.00	12/19/2013	Y
2011-CWF-Verdi Wellhead Protection Area Project-Administration	Administration/Coordination	Current State Grant	2011 - Clean Water Assistance - Lincoln (SWCD)	\$9,210.00	\$9,210.00	10/31/2013	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
2011-CWF-Verdi-Filter Strip Program	Agricultural Practices	Current State Grant	2011 - Clean Water Assistance - Lincoln (SWCD)	\$0.00			N
2011-CWF-Verdi-Filter Strip Program	Agricultural Practices	Local Fund	Placeholder	\$0.00			Y
2011-CWF-Verdi-Nitrogen stabilizers and/or nitrogen efficiency products	Planning and Assessment	Current State Grant	2011 - Clean Water Assistance - Lincoln (SWCD)	\$11,002.00			N
2011-CWF-Verdi-Nutrient Management Plan	Planning and Assessment	Current State Grant	2011 - Clean Water Assistance - Lincoln (SWCD)	\$3,083.00			N
2011-CWF-Verdi-Variable Rate Technology	Planning and Assessment	Current State Grant	2011 - Clean Water Assistance - Lincoln (SWCD)	\$0.00			N
Delaney (Jerry) Herefords Inc-CWF-Verdi	Planning and Assessment	Current State Grant	2011 - Clean Water Assistance - Lincoln (SWCD)	\$984.00	\$984.00	7/18/2012	N
Delaney Herefords (Jerry)-CWF-Verdi	Planning and Assessment	Current State Grant	2011 - Clean Water Assistance - Lincoln (SWCD)	\$976.00	\$976.00	11/16/2011	N
Delaney Herefords-CWF-Verdi-2013	Planning and Assessment	Current State Grant	2011 - clean water assistance - lincoln (swcd)	\$2,064.00	\$2,064.00	9/18/2013	N
Grooters (Kenneth)-CWF-Verdi	Planning and Assessment	Current State Grant	2011 - Clean Water Assistance - Lincoln (SWCD)	\$1,062.00	\$1,062.00	11/16/2011	N
Grooters (Kenneth)-CWF-Verdi	Planning and Assessment	Current State Grant	2011 - Clean Water Assistance - Lincoln (SWCD)	\$1,082.00	\$1,082.00	10/17/2012	N
Grooters (Kenneth)-CWF-Verdi-2013	Planning and Assessment	Current State Grant	2011 - clean water assistance - lincoln (swcd)	\$1,274.00	\$1,274.00	9/18/2013	N
Hauschild (Dustin)-CWF-Verdi-2013	Planning and Assessment	Current State Grant	2011 - clean water assistance - lincoln (swcd)	\$0.00			N
Heartland Colony (Johnny Wipt Jr.)-CWF-Verdi	Planning and Assessment	Current State Grant	2011 - Clean Water Assistance - Lincoln (SWCD)	\$2,882.00	\$2,882.00	12/21/2011	N
Heartland Colony (Johnny Wipt, Jr)-CWF-Verdi	Planning and Assessment	Current State Grant	2011 - Clean Water Assistance - Lincoln (SWCD)	\$2,882.00	\$2,882.00	11/21/2012	N
Johnson (Shane)-CWF-Verdi-2013	Planning and Assessment	Current State Grant	2011 - clean water assistance - lincoln (swcd)	\$1,470.00	\$1,470.00	8/21/2013	N
Johnson (Steve)-CWF-Verdi	Planning and Assessment	Current State Grant	2011 - Clean Water Assistance - Lincoln (SWCD)	\$800.00	\$800.00	10/17/2012	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Krog (Ken)-CWF-Verdi-2013	Planning and Assessment	Current State Grant	2011 - clean water assistance - lincoln (swcd)	\$2,820.00	\$2,820.00	9/18/2013	N
L&B Olsen Farms Inc-CWF-Verdi	Planning and Assessment	Current State Grant	2011 - Clean Water Assistance - Lincoln (SWCD)	\$5,500.00	\$5,500.00	12/21/2011	N
L&B Olsen Farms Inc-CWF-Verdi	Planning and Assessment	Current State Grant	2011 - Clean Water Assistance - Lincoln (SWCD)	\$7,608.00	\$7,608.00	12/28/2012	N
L&B Olsen Farms Inc-CWF-Verdi-2013	Planning and Assessment	Current State Grant	2011 - clean water assistance - lincoln (swcd)	\$9,060.00	\$9,060.00	9/18/2013	N
Moss (David)-CWF-Verdi	Planning and Assessment	Current State Grant	2011 - Clean Water Assistance - Lincoln (SWCD)	\$1,297.00	\$1,297.00	11/16/2011	N
Moss (David)-CWF-Verdi	Planning and Assessment	Current State Grant	2011 - Clean Water Assistance - Lincoln (SWCD)	\$2,200.00	\$2,200.00	10/17/2012	N
Moss (David)-CWF-Verdi-2013	Planning and Assessment	Current State Grant	2011 - clean water assistance - lincoln (swcd)	\$1,411.00	\$1,411.00	9/18/2013	N
Neill Brothers Farms (John)-CWF-Verdi	Planning and Assessment	Current State Grant	2011 - Clean Water Assistance - Lincoln (SWCD)	\$2,395.00	\$2,395.00	10/19/2011	N
Nelson/Griebel CWF-Verdi	Planning and Assessment	Current State Grant	2011 - Clean Water Assistance - Lincoln (SWCD)	\$3,258.00	\$3,258.00	10/17/2012	N
Nelson/Griebel-CWF-Verdi-2013	Planning and Assessment	Current State Grant	2011 - clean water assistance - lincoln (swcd)	\$1,080.00	\$1,080.00	9/18/2013	N
Peterson (Brett/Evan)-CWF-Verdi	Planning and Assessment	Current State Grant	2011 - Clean Water Assistance - Lincoln (SWCD)	\$3,238.00	\$3,238.00	11/16/2011	N
Peterson (Brett/Evan)-CWF-Verdi-2013	Planning and Assessment	Current State Grant	2011 - clean water assistance - lincoln (swcd)	\$2,729.00	\$2,729.00	9/18/2013	N
Pritchett (Keith & Pearl) -CWF-Verdi	Agricultural Practices	Current State Grant	2011 - Clean Water Assistance - Lincoln (SWCD)	\$35,325.00	\$35,325.00	10/17/2012	N
Pritchett (Keith & Pearl) -CWF-Verdi	Agricultural Practices	Landowner Fund	2011-CWF Landowner Share In-Kind	\$73,124.04	\$73,124.04	10/17/2012	Y
Richland Farms Partnership-CWF-Verdi-2013	Planning and Assessment	Current State Grant	2011 - clean water assistance - lincoln (swcd)	\$7,767.00	\$7,767.00	9/18/2013	N
Schardin (Conrad) Farms Inc-CWF-Verdi	Planning and Assessment	Current State Grant	2011 - Clean Water Assistance - Lincoln (SWCD)	\$2,080.00	\$2,080.00	11/16/2011	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Schardin (Conrad) Farms Inc-CWF-Verdi-2013	Planning and Assessment	Current State Grant	2011 - clean water assistance - lincoln (swcd)	\$3,971.00	\$3,971.00	9/18/2013	N
Schardin Farms Inc-CWF-Verdi	Planning and Assessment	Current State Grant	2011 - Clean Water Assistance - Lincoln (SWCD)	\$3,438.00	\$3,438.00	12/19/2012	N
Schellberg (Craig/Lori)-CWF-Verdi	Agricultural Practices	Current State Grant	2011 - Clean Water Assistance - Lincoln (SWCD)	\$22,275.00	\$22,275.00	5/16/2012	N
Schellberg (Craig/Lori)-CWF-Verdi	Agricultural Practices	Landowner Fund	2011-CWF Landowner Share In-Kind	\$49,973.22	\$49,973.22	5/16/2012	Y
Stueven (Mark)-CWF-Verdi	Planning and Assessment	Current State Grant	2011 - Clean Water Assistance - Lincoln (SWCD)	\$1,080.00	\$1,080.00	11/16/2011	N
Stueven (Mark)-CWF-Verdi-2013	Planning and Assessment	Current State Grant	2011 - clean water assistance - lincoln (swcd)	\$922.00	\$922.00	9/18/2013	N
Trautman Farms Inc-CWF-Verdi	Planning and Assessment	Current State Grant	2011 - Clean Water Assistance - Lincoln (SWCD)	\$3,672.00	\$3,672.00	11/16/2011	N
Venekamp (Douglas)-CWF-Verdi	Planning and Assessment	Current State Grant	2011 - Clean Water Assistance - Lincoln (SWCD)	\$2,885.00	\$2,885.00	12/28/2012	N
Venekamp (Douglas)-CWF-Verdi	Planning and Assessment	Current State Grant	2011 - Clean Water Assistance - Lincoln (SWCD)	\$6,253.00	\$6,253.00	11/16/2011	N
Venekamp (Douglas)-CWF-Verdi-2013	Planning and Assessment	Current State Grant	2011 - clean water assistance - lincoln (swcd)	\$5,728.00	\$5,728.00	9/18/2013	N
Willert (Kevin) Farms Inc-CWF-Verdi	Planning and Assessment	Current State Grant	2011 - Clean Water Assistance - Lincoln (SWCD)	\$2,485.00	\$2,485.00	12/19/2012	N
Willert Farms Inc (Kevin)-CWF-Verdi-2013	Planning and Assessment	Current State Grant	2011 - clean water assistance - lincoln (swcd)	\$2,147.00	\$2,147.00	9/18/2013	N
Willert Farms Inc. (Kevin Willert)-CWF-Vedi	Planning and Assessment	Current State Grant	2011 - Clean Water Assistance - Lincoln (SWCD)	\$2,023.00	\$2,023.00	11/16/2011	N
Worth (Robert)-CWF-Verdi	Planning and Assessment	Current State Grant	2011 - Clean Water Assistance - Lincoln (SWCD)	\$792.00	\$792.00	11/21/2012	N

## Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Size / Unit
590 - Nutrient Management	1	1	95 AC
590 - Nutrient Management	1	1	21 AC
590 - Nutrient Management	1	2	328 AC
590 - Nutrient Management	1	3	267 AC
590 - Nutrient Management	1	1	248 AC
590 - Nutrient Management	2	1	60 AC
590 - Nutrient Management	1	1	80 AC
590 - Nutrient Management	1	1	178 AC
590 - Nutrient Management	1	1	65 AC
393 - Filter Strip	1	1	19.8 AC
590 - Nutrient Management	1	1	102 AC
590 - Nutrient Management	1	1	108 AC
590 - Nutrient Management	1	1	62 AC
590 - Nutrient Management	1	1	85 AC
590 - Nutrient Management	1	1	77 AC
590 - Nutrient Management	1	1	75 AC
590 - Nutrient Management	1	1	100 AC
590 - Nutrient Management	1	2	258 AC
590 - Nutrient Management	2	1	122 AC
590 - Nutrient Management	1	1	133 AC
590 - Nutrient Management	1	2	54 AC
590 - Nutrient Management	1	1	37 AC
590 - Nutrient Management	1	1	99 AC
590 - Nutrient Management	1	1	156 AC
590 - Nutrient Management	1	1	181 AC
590 - Nutrient Management	1	1	92 AC
590 - Nutrient Management	1	7	644 AC
590 - Nutrient Management	1	1	17 AC

Activity Details	Total Action Count	Total Activity Mapped	Size / Unit
590 - Nutrient Management	7	2	0 AC
590 - Nutrient Management	1	2	180 AC
590 - Nutrient Management	2	1	150 AC
590 - Nutrient Management	1	1	130 AC
590 - Nutrient Management	1	1	151.1 AC
393 - Filter Strip	1	1	31.4 AC
590 - Nutrient Management	1	2	530 AC
590 - Nutrient Management	1	1	138 AC
590 - Nutrient Management	1	1	26 AC
590 - Nutrient Management	1	1	151 AC
590 - Nutrient Management	1	1	33 AC
590 - Nutrient Management	1	4	168 AC
590 - Nutrient Management	1	1	110 AC
590 - Nutrient Management	1	1	40 AC
590 - Nutrient Management	1	1	141 AC
590 - Nutrient Management	2	1	72 AC
590 - Nutrient Management	1	1	125 AC
590 - Nutrient Management	1	1	155 AC
590 - Nutrient Management	1	1	210 AC
590 - Nutrient Management	1	1	32 AC

## Indicators Summary

Indicator Name	Total Value	Unit
<b>BOD 5</b>	52.47	LBS/YR
<b>SEDIMENT (TSS)</b>	127.01	TONS/YR
<b>SOIL (EST. SAVINGS)</b>	70.65	TONS/YR
<b>PHOSPHORUS (EST. REDUCTION)</b>	184.81	LBS/YR

**Grant Activity - 2011 CWF-Verdi Wellhead Protection Area Project Technical**

<p><b>Description</b></p>	<p>Provide technical assistance to the landowners in the project area by:                  SWCD Farm Bill Assistant and SWCD Technician will:</p> <ol style="list-style-type: none"> <li>1) Promote the Nutrient Management Planning elements and Filter Strips through initial landowner contact of program elements immediately.</li> <li>2) Provide information and actively promote the filter strip program by meeting with individuals in the project area on the CRP Buffer/Filter strip program and incentive program.</li> <li>3) Forward nutrient management plans to the MN Dept. of Ag for their review.</li> <li>4) Conduct long-term inspections for the filter strip projects.</li> <li>5) Conduct follow-up surveys to determine the operator value of the effectiveness and efficiency of the nutrient management plans, variable rate technology and the products used and the continuance of the plans.</li> </ol> <p>Certified Crop Advisor will:</p> <ol style="list-style-type: none"> <li>1) Develop and determine the three-tier nutrient management project.</li> <li>2) Work with the landowners on incorporating a long-term plan for the nutrient management projects.</li> </ol> <p>MN Department of Agriculture:</p> <ol style="list-style-type: none"> <li>1) Review the nutrient management plans.</li> </ol> <p>Lincoln-Pipestone Rural Water:</p> <ol style="list-style-type: none"> <li>1) Continue to monitor and sample their production and observation wells on a regular basis for nitrate levels in the water supply.</li> </ol> <p>Farm Service Agency:</p> <ol style="list-style-type: none"> <li>1) Will enroll landowners in CRP.</li> </ol> <p>All Technical Approval Authority documentation is available upon request.</p>		
<p><b>Category</b></p>	<p>TECHNICAL/ENGINEERING ASSISTANCE</p>		
<p><b>Start Date</b></p>	<p>2-Mar-11</p>	<p><b>End Date</b></p>	<p>Thu Dec 19 00:00:00 CST 2013</p>
<p><b>Rates and Hours</b></p>			

## Actual Results

-As of June 30, 2011, 15 producers were signed up for the Nutrient Mgmt Plans; 12 were signed up for the Nitrogen Stabilizers/Efficiency Products; and two for the Variable Rate Technology. Six lysimeters were installed by the Dept. of Health in the Verdi Wellhead Protection area.

-As of December 31, 2011, 13 producers were paid out for the Nutrient Mgmt Plans; 9 were paid for the Nitrogen Stabilizer products; and one for the Variable Rate Technology.

Technical dollars are through the Lincoln-Pipestone Rural Water. Request approved by David Sill on January 17, 2012 to move the following: Nitrogen Stabilizer to Filter Strip of \$3,896 and Variable Rate Tech to Filter Strip of \$8,704 for a total of \$12,600.

-As of June 30, 2012, encumbered \$12,686 of LPRW dollars. Have encumbered \$35,325 for 19.8 acres of filter strips and \$38,140 on NMPs, Stabilizer and 1-Split N Application.

-As of December 31, 2012, spent \$86,014 on the NMPs, Stabilizers, Split N and Filter Strips. Technical dollars through the LPRW that were spent in 2012 were: \$10,255.

-As of June 30, 2013, dollars were encumbered but no dollars were spent.

-As of September 30, 2013, \$10,613 has been spent.

-As of Oct 31, 2013, \$1,573.14 has been used on admin and for bd mtgs throughout the grant period.

-As of December 19, 2013, the remainder of \$1,742.86 was used on admin/tech on completing the grant; elink and spreadsheets, etc. The technical dollars are the local cash match to the project. No state dollars were used for this technical portion of the grant.



## Grant Activity - 2011-CWF-Verdi Wellhead Protection Area Project-Administration

Description	The Lincoln SWCD District Manager will administer the 2011 CWF Verdi Wellhead Protection Area Project Grant. Administration will include all eLINK, website, fiscal management and all reporting documents as required by BWSR. The Lincoln SWCD will have the responsibility to approve expenditure of funds and approve or deny projects and expenditure of funds. The District Manager will document the funding of projects in the minutes.		
Category	ADMINISTRATION/COORDINATION		
Start Date	2-Mar-11	End Date	Thu Oct 31 00:00:00 CDT 2013
Rates and Hours			
Actual Results	<p>-As of June 30, 2011, we have administered the various land and water practices that have been signed up. No projects have been paid to date.</p> <p>-As of December 31, 2011, \$32,458 has been paid to producers for NMP, Stabilizer products and VRT. \$22,275 has been encumbered for a filter strip. Administration dollars spent to date \$3,456.75 (104.75 Hrs) from March to Nov, 2011 (payroll date) Dec. 21, 2011.</p> <p>-As of June 30, 2012, the \$22,275 has been paid out for the 19.8 acres of filter strip. Have encumbered the following: \$35,325 for a filter strip and \$38,140 for NMPs and stabilizer products and 1-split N application. Administration dollars spent to date \$1,340 (33.5 Hrs) from Dec, 2011 to May 31, 2012 (payroll date June 15th).</p> <p>-As of December 31, 2012, total administration dollars spent for entire year: \$2,500; From June through December \$1,160. Total project dollars spent were \$86,014.</p> <p>-As of June 30, 2013, the district spent \$1,000 on administration from January to June, 2013.</p> <p>-As of October 31, 2013, the remainder of the Administrative funds of \$2,253.25 has been spent.</p> <p>-As of December 19, 2013, this project has been completed.</p>		

**Grant Activity - 2011-CWF-Verdi-Filter Strip Program**

<b>Description</b>	Install filter strips on 40 acres of rivers/streams from 33' to 120' by offering a signing incentive of \$75/acre/year for landowners to enroll in a 15-year CRP contract. The incentive will be \$75/acre/15-years. Landowner share/match will be figured using the average farm land value/cropland rental rate of \$240/acre times the number of acres times 15-years.		
<b>Category</b>	AGRICULTURAL PRACTICES		
<b>Start Date</b>		<b>End Date</b>	
<b>Rates and Hours</b>			
<b>Actual Results</b>	As of June 30, 2011, no activity has occurred in this initiative as we have not had any interest to date. Craig Schellberg is signed up for 19.8 acres for a total of \$22,275. As of December 31, 2011, \$22,725 dollars remain. As of January 12, 2012, received approval to move funds from other initiatives as follows: \$8,704 from Variable Rate Technology and \$3,896 from Nitrogen Stabilizer Program. These additional funds will be used to fund a filter strip for Keith Pritchett for 31.4 Acres and a total cost of \$35,325. As of February 1, 2012, the filter strip for Keith Pritchett for 31.4 acres for a total cost of \$35,325 has been approved by the SWCD Board.		

**Grant Activity - 2011-CWF-Verdi-Nitrogen stabilizers and/or nitrogen efficiency products**

<b>Description</b>	Offer an incentive payment of up to \$8/acre/year for two-years on 3,000 acres for landowners to incorporate nitrogen stabilizers and/or nitrogen efficiency products that delays nitrification of ammoniacal and urea nitrogen fertilizer compositions in the soil by controlling the nitrification process in corn.		
<b>Category</b>	PLANNING AND ASSESSMENT		
<b>Start Date</b>	2-Mar-11	<b>End Date</b>	Mon Sep 30 00:00:00 CDT 2013
<b>Rates and Hours</b>			
<b>Actual Results</b>	As of June 30, 2011, 2,130 acres were signed up for Nitrogen Stabilizers or Efficiency Products for 2011 spring application for a total of \$25,560 for a total of 11 producers participating. As of December, 31, 2011, 9 producers were paid a total of \$13,858 for 1,260 acres of applied Nitrogen Stabilizers. As of January 17, 2012, approval from David Sill to transfer \$3,896 from Nitrogen Stabilizer to Filter Strip Program. -Per David Sill on April 26, 2013, okayed to transfer \$4,157 to Stabilizer Products from MNP dollars. Total dollars for Stabilizer Products - \$60,261; -As of December 19, 2013; Funding not spent/remaining is in this category is \$11,002.		

Activity Action - Legacy Migrated Data			
Practice	590 - Nutrient Management	Count of Activities	1
Description			
Proposed Size / Units	AC	Lifespan	Unknown
Actual Size/Units	AC	Installed Date	

Grant Activity - 2011-CWF-Verdi-Nutrient Management Plan			
Description	Offer an incentive payment of \$10/acre/year for two-years on 3,000 acres for landowners to develop and follow a nutrient management plan used to identify resource concerns, sensitive areas and changes in management needed to improve crop production and decrease the pollution potential.		
Category	PLANNING AND ASSESSMENT		
Start Date	2-Mar-11	End Date	Mon Sep 30 00:00:00 CDT 2013
Rates and Hours			
Actual Results	<p>-Originally \$60,000 was planned for the NMP's. Per correspondence w/David Sill, \$4,157 of the NMP dollars was moved to the Nitrogen Stabilizer on April 26, 2013. Total funds for NMP's is now \$55,843.</p> <p>-As of December 19, 2013, \$3,083 remains in the Nutrient Management category.</p>		

Activity Action - Legacy Migrated Data			
Practice	590 - Nutrient Management	Count of Activities	1
Description			
Proposed Size / Units	AC	Lifespan	Unknown
Actual Size/Units	AC	Installed Date	

**Grant Activity - 2011-CWF-Verdi-Variable Rate Technology**

<b>Description</b>	Offer an incentive payment of \$10/acre (one-time payment) on 1,000 acres for landowners to use variable rate technology which will reduce the rate of nitrogen being applied.		
<b>Category</b>	PLANNING AND ASSESSMENT		
<b>Start Date</b>		<b>End Date</b>	
<b>Rates and Hours</b>			
<b>Actual Results</b>	As of June 30, 2011, 246 acres were signed up for the Variable Rate Technology for a total of \$2,952 with two producers participating. This practice was to be completed in the spring along with the Stabilizer. -As of December 31, 2011, one producer was paid \$1,296 for a total of 108 Acres. As of January 17, 2012, approval from David Sill, to move the remainder of \$8704.00 to the Filter Strip Program.		