



## Grant All-Detail Report 2012 - Clean Water Assistance

**Grant Title** - 2012 - Clean Water Assistance - Polk, East (SWCD)

**Grant ID** - C13-1134

**Organization** - Polk, East SWCD

<b>Grant Awarded Amount</b>	<b>\$251,680.00</b>	<b>Grant Execution Date</b>	
<b>Required Match Amount</b>	\$62,920.00	<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	\$143,112.71	\$119,908.29	\$23,204.42
Total Match Amount	\$62,193.78	\$62,193.78	\$0.00
Total Other Funds	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$205,306.49</b>	<b>\$182,102.07</b>	<b>\$23,204.42</b>

### Budget Details

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
2012 CWA Phase II Grant Management and Reporting	Administration /Coordination	Current State Grant	2012 - Clean Water Assistance - Polk, East (SWCD)	\$12,000.00	\$12,000.00	1/13/2014	N
2012 CWA Phase II Grant Management and Reporting	Administration /Coordination	Local Fund	SWCD Inkind	\$341.71	\$341.71	1/13/2014	Y

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
2012 CWA Phase II Project Development	Project Development	Current State Grant	2012 - Clean Water Assistance - Polk, East (SWCD)	\$3,600.00	\$3,600.00	1/13/2014	N
2012 CWA Phase II Projects	Non-Structural Management Practices						
2012 CWA Phase II Projects	Special Projects						
2012 CWA Phase II Projects	Special Projects						
2012 CWA Phase II technical and engineering	Technical/Engineering Assistance	Current State Grant	2012 - Clean Water Assistance - Polk, East (SWCD)	\$36,000.00	\$12,795.58	1/13/2014	N
CWA EP #21 Vig Farms - Svedahl	Agricultural Practices	Current State Grant	2012 - Clean Water Assistance - Polk, East (SWCD)	\$6,942.02	\$6,942.02	11/21/2013	N
CWA EP #21 Vig Farms - Svedahl	Agricultural Practices	Landowner Fund	Landowner Fund	\$2,820.47	\$2,820.47	11/21/2013	Y
CWA EP #21 Vig Farms - Svedahl	Agricultural Practices	Local Fund	Sand Hill River Watershed Fund	\$1,692.28	\$1,692.28	11/21/2013	Y
CWA EP #22 Mike Grandbois - Arneberg	Agricultural Practices	Current State Grant	2012 - Clean Water Assistance - Polk, East (SWCD)	\$11,423.48	\$11,423.48	11/21/2013	N
CWA EP #22 Mike Grandbois - Arneberg	Agricultural Practices	Landowner Fund	Landowner Fund	\$4,999.50	\$4,999.50	11/21/2013	Y
CWA EP #22 Mike Grandbois - Arneberg	Agricultural Practices	Local Fund	Sand Hill River Watershed Fund	\$3,575.02	\$3,575.02	11/21/2013	Y
CWA EP #23 Vig Farms - Riersons	Agricultural Practices	Current State Grant	2012 - Clean Water Assistance - Polk, East (SWCD)	\$11,171.79	\$11,171.79	11/21/2013	N
CWA EP #23 Vig Farms - Riersons	Agricultural Practices	Landowner Fund	Landowner Fund	\$4,654.91	\$4,654.91	11/21/2013	Y
CWA EP #23 Vig Farms - Riersons	Agricultural Practices	Local Fund	Sand Hill River Watershed Fund	\$2,792.95	\$2,792.95	11/21/2013	Y
CWA EP #25 Warren Affeldt	Agricultural Practices	Current State Grant	2012 - Clean Water Assistance - Polk, East (SWCD)	\$17,237.40	\$17,237.40	12/23/2013	N
CWA EP #25 Warren Affeldt	Agricultural Practices	Landowner Fund	Landowner Fund	\$7,182.25	\$7,182.25	12/23/2013	Y

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
CWA EP #25 Warren Affeldt	Agricultural Practices	Local Fund	Sand Hill River Watershed Fund	\$4,309.35	\$4,309.35	12/23/2013	Y
CWA EP #25 Warren Affeldt	Agricultural Practices						
CWA EP #27 Iverson Farms	Agricultural Practices	Current State Grant	2012 - Clean Water Assistance - Polk, East (SWCD)	\$14,075.44	\$14,075.44	1/21/2014	N
CWA EP #27 Iverson Farms	Agricultural Practices	Landowner Fund	Landowner Fund	\$5,864.77	\$5,864.77	1/21/2014	Y
CWA EP #27 Iverson Farms	Agricultural Practices	Local Fund	Sand Hill River Watershed Fund	\$3,518.86	\$3,518.86	1/21/2014	Y
CWA EP #28 Russell Gunufson	Agricultural Practices	Current State Grant	2012 - Clean Water Assistance - Polk, East (SWCD)	\$11,684.59	\$11,684.59	11/21/2013	N
CWA EP #28 Russell Gunufson	Agricultural Practices	Landowner Fund	Landowner Fund	\$4,868.58	\$4,868.58	11/21/2013	Y
CWA EP #28 Russell Gunufson	Agricultural Practices	Local Fund	Sand Hill River Watershed Fund	\$2,921.14	\$2,921.14	11/21/2013	Y
CWA EP #30 Chester Smeby	Agricultural Practices	Current State Grant	2012 - Clean Water Assistance - Polk, East (SWCD)	\$18,977.99	\$18,977.99	12/12/2013	N
CWA EP #30 Chester Smeby	Agricultural Practices	Landowner Fund	Landowner Fund	\$7,907.49	\$7,907.49	12/12/2013	Y
CWA EP #30 Chester Smeby	Agricultural Practices	Local Fund	Sand Hill River Watershed Fund	\$4,744.50	\$4,744.50	12/12/2013	Y
CWA EP# 25	Agricultural Practices						

### Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Size / Unit
638 - Water and Sediment Control Basin	1	5	5 COUNT
638 - Water and Sediment Control Basin	2	3	3 COUNT
638 - Water and Sediment Control Basin	1	4	4 COUNT

Activity Details	Total Action Count	Total Activity Mapped	Size / Unit
638 - Water and Sediment Control Basin	2	7	7 COUNT
638 - Water and Sediment Control Basin	1	9	9 COUNT

### Indicators Summary

Indicator Name	Total Value	Unit
<b>SEDIMENT (TSS)</b>	788.64	TONS/YR
<b>SOIL (EST. SAVINGS)</b>	1244.85	TONS/YR
<b>PHOSPHORUS (EST. REDUCTION)</b>	828.14	LBS/YR

## Grant Activity

Grant Activity - 2012 CWA Phase II Grant Management and Reporting		
Description	This will cover all aspects of the administration of the grant agreement. Attending meetings, completing the required reports both financial and Elink. May also include processing landowner contracts, cost share assistance, voucher review and spot checks	
Category	ADMINISTRATION/COORDINATION	
Start Date	1-Jan-12	End Date
Rates and Hours		
Actual Results	<p>12/20/12 This spending includes the administration of the grant agreement with landowner contacts, doing elink reporting, and record keeping.</p> <p>June 2012 \$1.10; July 2012 \$852.01; Aug 2012 \$439.75; Sept 2012 \$333.50; Oct 2012 \$412.26; Nov 2012 \$507.49; Dec 2012 \$634.37</p> <p>120 hours were spent on grant administration from July 2012-December 2012.</p> <p>2013 Grant Admin and Reporting monthly totals are:            Jan. \$819.22; Feb. \$1,753.28; March \$1,674; April \$994.31; May \$366.03; June \$511.88; July \$1128.15; Aug. \$765.54; Sept. \$369.97; Oct. \$366.15; Nov. \$70.07. 346 hours were spent on Administration and grant reporting in 2013.</p> <p>November 2013 \$341.71 in-kind for hours worked on Administration and Reporting.</p>	

Grant Activity - 2012 CWA Phase II Project Development		
Description	Project development will consist of making individual contacts with landowners and participating in area meetings to promote the installation of conservation practices within the targeted area. The District Board will review and make recommendations on cost share application received, and review project progress.	
Category	PROJECT DEVELOPMENT	
Start Date	1-Jan-12	End Date
Rates and Hours		
Actual Results	<p>12/20/12 Approximately 20 landowners have been contacted to see if they were interested in the sediment project. Of these, 17 of these landowners that have shown interest with their sites surveyed waiting for the JPB engineer to complete design work. There are 3 sites that need surveys this coming spring 2013.</p> <p>Feb. 2012 \$54.97; March 2012 \$109.94; April 2012 \$438.06; May 2012 \$1539.25; June \$1457.78. From Feb - June 142 hour were spent conducting civic engagement; public outreach; initial contacts, actions, and activities with landowners and/or partners; preliminary information gathering, conservation marketing, or other activities.</p>	

Grant Activity - 2012 CWA Phase II Projects		
Description	<p>We are anticipating working with an additional 5-10 landowners to install approximately 40 additional sediment basins in the upper reaches of the Sand Hill River Watershed. This is a continuation of a previous grant.</p> <p>This will include expenses to complete the projects such as construction cost to complete the project. This may include but not be limited to construction, materials, contracted labor and equipment. All projects will be designed by using NRCS technical standard that apply to the project. RRVCSA! engineer Jim Hest or Technician Jeff Haverland will have the technical approval authority with district staff assisting.</p> <p>As projects are completed they will be reported as individual land and water projects within the land and water projects module.</p>	
Category	NON-STRUCTURAL MANAGEMENT PRACTICES	
Start Date	1-Jan-12	End Date
Rates and Hours		
Actual Results		

Grant Activity - 2012 CWA Phase II Projects		
Description	The landowner where the project is being constructed will contribute a minimum 25% of the project cost by inkind and cash contribution.	
Category	SPECIAL PROJECTS	
Start Date	1-Jan-12	End Date
Rates and Hours		
Actual Results		

Grant Activity - 2012 CWA Phase II Projects		
Description	Sand hill watershed District has committed up to \$50,000 of cash match to the installation of land and water projects in this project area. The Sand Hill River Watershed District in their long range plan has identified this as a priority area to install land and water treatment projects to address the turbidity impairment in the Sand Hill River. The Sand Hill Watershed Distict appreciates the oppurtunity to work with the East Polk SWCD to implement this project.	
Category	SPECIAL PROJECTS	
Start Date	1-Jan-12	End Date
Rates and Hours		
Actual Results		

**Grant Activity - 2012 CWA Phase II technical and engineering**

<b>Description</b>	<p>Jim Hest, RRVCSA1 engineer will be the lead with the technical approval authority. Jeff Haverland RRVCSA1 will also have technical approval authority. They will survey, plan and design the sediment basin projects. They will also explain to the landowners the project plans. They will also do construction field checks and final construction sign-off. District staff will be assisting with the above technical assistance. All project will be design using NRCS technical standards.</p>	
<b>Category</b>	TECHNICAL/ENGINEERING ASSISTANCE	
<b>Start Date</b>	1-Jan-12	<b>End Date</b>
<b>Rates and Hours</b>		
<b>Actual Results</b>	<p>CWA EP #20 Steve Ness, engineering fee of \$2,380 engineering fee paid to RRVTSa for survey, design, O&amp;M plan, construction check.</p> <p>CWA EP #24 Steve Ness, engineering fee of \$2,415 engineering fee paid to RRVTSa for survey, design, O&amp;M plan, construction check.</p> <p>CWA EP #30 Chester Smeby engineering fee of \$3,220 engineering fee paid to RRVTSa for survey, design, O&amp;M plan, construction check.</p> <p>CWA EP #29 Russell Gunufson engineering fee of \$2,955 engineering fee paid to RRVTSa for survey, design, O&amp;M plan, construction check.</p> <p>1/13/2014 Technical work related to the grant performed by SWCD employees in December 2013. \$1,725.58 for approximately 76 staff hours worked.</p>	



Grant Activity - CWA EP #21 Vig Farms - Svedahl			
Description	CWA EP #21 Vig Farms - Svedahl		
Category	AGRICULTURAL PRACTICES		
Start Date	14-Mar-13	End Date	Thu Nov 21 00:00:00 CST 2013
Rates and Hours			
Actual Results	CWA EP #21 Vig Farms - Svedahl installed 7 water and sediment control basins (PS 638) in Section 15 of Rosebud Township. Supporting practices include PS 606 Subsurface Drain, and PS 620 Underground Outlet. Items installed include 900 cu yd of earthfill, 1645' of single wall tile, 10' of 8" single wall tile, 1290' of 10" single wall tile, 550' of 12" single wall tile, 400' of 15" dual wall tile.		

Activity Action - CWA EP #21			
Practice	638 - Water and Sediment Control Basin	Count of Activities	1
Description	7 Water and Sediment Control Basins installed in Section 15, Rosebud Township		
Proposed Size / Units	7 COUNT	Lifespan	10 Years
Actual Size/Units	7 COUNT	Installed Date	18-Nov-13
Final Indicator for CWA EP #21			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	300.77
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	DNR PWI Unnamed (60-601 W)		
Final Indicator for CWA EP #21			
Indicator Name	SOIL (EST. SAVINGS)	Value	300.77
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	DNR PWI Unnamed (60-601 W)		
Final Indicator for CWA EP #21			
Indicator Name	SEDIMENT (TSS)	Value	300.77
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	DNR PWI Unnamed (60-601 W)		

Grant Activity - CWA EP #22 Mike Grandbois - Arneberg			
Description	CWA EP #22 Mike Grandbois - Arneberg plans to instal 4 Water and Sediment Control Basins in Section 15 of Sletten Township		
Category	AGRICULTURAL PRACTICES		
Start Date	14-Mar-13	End Date	Mon Nov 18 00:00:00 CST 2013
Rates and Hours			
Actual Results	CWA EP #22 Mike Grandbois - Arneberg installed 4 Water and Sediment Control Basins (PS 638) in Section 15 of Sletten Township. Supporting practices include PS 606 Subsurface Drain and PS 620 Underground Outlet. Installed items include 510 cu yd of embankment earthfill, 20' of 6" single wall tile, 680' of 8" single wall tile, 1300' of 12" single wall tile.		

Activity Action - CWA EP #22 Mike Grandbois - Arneberg			
Practice	638 - Water and Sediment Control Basin	Count of Activities	1
Description	4 Water and Sediment Control Basins installed		
Proposed Size / Units	4 COUNT	Lifespan	10 Years
Actual Size/Units	4 COUNT	Installed Date	18-Nov-13
Final Indicator for CWA EP #22 Mike Grandbois - Arneberg			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	98.07
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Sand Hill River		
Final Indicator for CWA EP #22 Mike Grandbois - Arneberg			
Indicator Name	SEDIMENT (TSS)	Value	98.07
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Sand Hill River		
Final Indicator for CWA EP #22 Mike Grandbois - Arneberg			
Indicator Name	SOIL (EST. SAVINGS)	Value	196.14
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Sand Hill River		

Grant Activity - CWA EP #23 Vig Farms - Riersons			
Description	CWA EP #23 Vig Farms - Riersons plan to install 3 water and sediment control basins in Section 13 of Sletten Township.		
Category	AGRICULTURAL PRACTICES		
Start Date	14-Mar-13	End Date	Wed Nov 20 00:00:00 CST 2013
Rates and Hours			
Actual Results	CWA EP #23 Vig Farms - Rierson installed 3 water and sediment control basins (PS 638) in Section 13 of Sletten Township. Supporting practices include PS 606 Subsurfaced Drain and PS 620 Underground Outlet. Items installed include 800 cu yd of embankment earthfill, 50' of 6" single wall tile, 1050' of 8" single wall tile, 850' of 12" dual wall tile.		

Activity Action - CWA EP #23 Vig Farms - Rierson			
Practice	638 - Water and Sediment Control Basin	Count of Activities	1
Description	3 Water and Sediment Control Basins installed in Section 13, Sletten Township		
Proposed Size / Units	3 COUNT	Lifespan	10 Years
Actual Size/Units	3 COUNT	Installed Date	20-Nov-13
Final Indicator for CWA EP #23 Vig Farms - Rierson			
Indicator Name	SEDIMENT (TSS)	Value	126.40
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	DNR PWI Unnamed (60-601 W)		
Final Indicator for CWA EP #23 Vig Farms - Rierson			
Indicator Name	SOIL (EST. SAVINGS)	Value	126.40
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	DNR PWI Unnamed (60-601 W)		
Final Indicator for CWA EP #23 Vig Farms - Rierson			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	126.40
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	DNR PWI Unnamed (60-601 W)		

Grant Activity - CWA EP #25 Warren Affeldt			
Description	CWA EP #25 Warren Affeldt plans to install 5 water and sediment control basins in Section 34, King Township		
Category	AGRICULTURAL PRACTICES		
Start Date	14-Mar-13	End Date	Wed Dec 18 00:00:00 CST 2013
Rates and Hours			
Actual Results	CWA EP #25 Warren Affeldt installed 5 Water and Sediment Control Basins (PS 638) in Section 34, King Township. Supporting practices include PS 606 Subsurface Drain, PS620 Underground Outlet. Items installed include 1600 cu yd embankment earthfill, 750' of 6" single wall tile, 615' of 8" single wall tile, 200' of 10" single wall tile, 1000' of 12" single wall tile.		

Activity Action - CWA EP #25 Warren Affeldt			
Practice	638 - Water and Sediment Control Basin	Count of Activities	1
Description	5 Water and Sediment Control Basins installed in Section 34, King Township		
Proposed Size / Units	5 COUNT	Lifespan	10 Years
Actual Size/Units	5 COUNT	Installed Date	18-Dec-13
Final Indicator for CWA EP #25 Warren Affeldt			
Indicator Name	SEDIMENT (TSS)	Value	34.63
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	DNR PWI Unnamed (60-161 W)		
Final Indicator for CWA EP #25 Warren Affeldt			
Indicator Name	SOIL (EST. SAVINGS)	Value	197.89
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	DNR PWI Unnamed (60-161 W)		
Final Indicator for CWA EP #25 Warren Affeldt			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	39.83
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	DNR PWI Unnamed (60-161 W)		

Grant Activity - CWA EP #25 Warren Affeldt			
Description	CWA EP #25 Warren Affeldt		
Category	AGRICULTURAL PRACTICES		
Start Date		End Date	
Rates and Hours			
Actual Results			

Grant Activity - CWA EP #27 Iverson Farms			
Description	CWA EP #27 Iverson Farms plans to install 3 water and sediment control basins in Section 33, Winger Township.		
Category	AGRICULTURAL PRACTICES		
Start Date	14-Mar-13	End Date	Wed Jan 22 00:00:00 CST 2014
Rates and Hours			
Actual Results	CWA EP #27 Iverson Farms installed 3 water and sediment control basins in Sec. 33, Winger Township. Engineering Practices: Water and Sediment Control Basins (638), Subsurface Drain (606) and Underground Outlet (620) were installed. The practices contained the following items: 530 cu yd of Embankment Earthfill; 850' of 6" single wall tile; 1530' of 10" single wall tile; 900' of 12" single wall tile.		

Activity Action - CWA EP #27 Iverson Farms			
Practice	638 - Water and Sediment Control Basin	Count of Activities	1
Description	3 Water and Sediment Control Basins installed		
Proposed Size / Units	3 COUNT	Lifespan	10 Years
Actual Size/Units	3 COUNT	Installed Date	17-Jan-14
Final Indicator for CWA EP #27 Iverson Farms			
Indicator Name	SOIL (EST. SAVINGS)	Value	161.53
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Sand Hill River		
Final Indicator for CWA EP #27 Iverson Farms			
Indicator Name	SEDIMENT (TSS)	Value	161.53
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Sand Hill River		

Final Indicator for CWA EP #27 Iverson Farms			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	185.75
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Sand Hill River		

Grant Activity - CWA EP #28 Russell Gunufson			
Description	CWA EP #28 Russell Gunufson plans to install 8 water and sediment control basins in Section 33, Winger Township		
Category	AGRICULTURAL PRACTICES		
Start Date	14-Mar-13	End Date	Tue Nov 05 00:00:00 CST 2013
Rates and Hours			
Actual Results	CWA EP #28 installed 7 water and sediment control basins (PS 638) in Section 33, Winger Township. Supporting practices include PS 606 Subsurface Drain and PS 620 Underground Outlet. Installed items include 3500 cu yd of embankment earthfill, 2645' of 6" single wall tile and 500' of 10" single wall tile.		

Activity Action - CWA EP #28 Russell Gunufson			
Practice	638 - Water and Sediment Control Basin	Count of Activities	1
Description	7 Water and Sediment Control Basins in Section 33, Winger Township		
Proposed Size / Units	7 COUNT	Lifespan	10 Years
Actual Size/Units	7 COUNT	Installed Date	5-Nov-13

Final Indicator for CWA EP #28 Russell Gunufson			
Indicator Name	SOIL (EST. SAVINGS)	Value	122.08
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Sand Hill River		

Final Indicator for CWA EP #28 Russell Gunufson			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	49.14
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Sand Hill River		

Final Indicator for CWA EP #28 Russell Gunufson			
Indicator Name	SEDIMENT (TSS)	Value	42.73
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Sand Hill River		

Grant Activity - CWA EP #30 Chester Smeby			
Description	CWA EP #30 Chester Smeby plans to install 7 Water and Sediment Control Basins in Section 25, Winger Township.		
Category	AGRICULTURAL PRACTICES		
Start Date	1-May-13	End Date	Fri Nov 01 00:00:00 CDT 2013
Rates and Hours			
Actual Results	CWA EP #30 Chester Smeby installed 9 water and sediment control basins (PS 638) in Section 25, Winger Township. Supporting practices include PS 606 Subsurface Drain and PS 620 Underground Outlet. The following items were installed, 2900 cu yd earthfill, 2315' of 6" single wall tile and 200' of 8" single wall tile.		

Activity Action - CWA EP #30 Chester Smeby			
Practice	638 - Water and Sediment Control Basin	Count of Activities	1
Description	9 Water and Sediment Control Basins installed in Section 25, Winger Township		
Proposed Size / Units	7 COUNT	Lifespan	10 Years
Actual Size/Units	9 COUNT	Installed Date	1-Nov-13
Final Indicator for CWA EP #30 Chester Smeby			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	28.18
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Sand Hill River		
Final Indicator for CWA EP #30 Chester Smeby			
Indicator Name	SEDIMENT (TSS)	Value	24.51
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Sand Hill River		
Final Indicator for CWA EP #30 Chester Smeby			
Indicator Name	SOIL (EST. SAVINGS)	Value	140.04
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Sand Hill River		

Grant Activity - CWA EP# 25		
Description	CWA EP# 25	
Category	AGRICULTURAL PRACTICES	
Start Date		End Date
Rates and Hours		
Actual Results		

### Grant Attachments

Document Name	Document Type	Description
<b>grant_app_general-added.rpt</b>	Grant	2012 - Clean Water Assistance - Polk, East (SWCD)
<b>grant_app_general.rpt</b>	Grant	2012 - Clean Water Assistance - Polk, East (SWCD)