



Grant All-Detail Report 2011 - Clean Water Assistance

Grant Title - 2011 - Clean Water Assistance - Polk, East (SWCD)

Grant ID - C13-0254

Organization - Polk, East SWCD

Grant Awarded Amount	\$255,142.00	Grant Execution Date	
Required Match Amount	\$63,785.50	Grant End Date	1/1/2020
Required Match %	25%	Grant Day To Day Contact	

Budget Summary

	Budgeted	Spent	Balance Remaining
Total Grant Amount	\$255,142.00	\$255,142.00	\$0.00
Total Match Amount	\$129,186.72	\$129,186.70	\$0.02
Total Other Funds	\$39,023.98	\$39,023.99	\$-0.01
Total	\$423,352.70	\$423,352.69	\$0.01

Budget Details

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
2011 CWA Grant - BMP's	Agricultural Practices	Landowner Fund	2011 CWA Sand Hill WTSHD - Landowner Contribution	\$24,698.90	\$24,698.90	12/23/2013	Y
2011 CWA Grant - BMP's	Agricultural Practices	Local Fund	2011 CWA Sand Hill WTSHD - WTSHD Contribution	\$18,370.95	\$18,370.95	12/23/2013	Y

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
2011 CWA Sand Hill Watershed Project - Administration	Administration /Coordination	Current State Grant	2011 - Clean Water Assistance - Polk, East (SWCD)	\$15,681.28	\$15,681.28	6/20/2012	N
2011 CWA Sand Hill Watershed Project - Engineering/technical	Technical/Engineering Assistance	Current State Grant	2011 - Clean Water Assistance - Polk, East (SWCD)	\$33,600.00	\$33,600.00	12/30/2013	N
2011 CWA Sand Hill Watershed Project Development	Project Development	Current State Grant	2011 - Clean Water Assistance - Polk, East (SWCD)	\$4,400.00	\$4,400.00	8/10/2011	N
2011 Shoreland improvement grant - BMP's	Agricultural Practices	Other Funds	2011 - Shoreland Improvement - Polk, East (SWCD)	\$0.00			N
2011 Shoreland improvement grant - BMP's	Agricultural Practices						
CWA EP #07 Aaron Lenes	Agricultural Practices	Current State Grant	2011 - Clean Water Assistance - Polk, East (SWCD)	\$13,953.96	\$13,953.96	12/3/2013	N
CWA EP #11 David Balstad	Agricultural Practices	Current State Grant	2011 - Clean Water Assistance - Polk, East (SWCD)	\$9,674.34	\$9,674.34	11/21/2013	N
CWA EP#05 Gary Sonstelie	Agricultural Practices	Current State Grant	2011 - Clean Water Assistance - Polk, East (SWCD)	\$16,302.85	\$16,302.85	12/23/2013	N
CWA EP#15 Virgil Wilde	Agricultural Practices	Current State Grant	2011 - Clean Water Assistance - Polk, East (SWCD)	\$8,553.38	\$8,553.38	11/27/2012	N
CWA EP#15 Virgil Wilde	Agricultural Practices	Landowner Fund	2011 CWA Sand Hill WTSHD - Landowner Contribution	\$3,563.91	\$3,563.90	11/27/2012	Y
CWA EP#15 Virgil Wilde	Agricultural Practices	Local Fund	2011 CWA Sand Hill WTSHD - WTSHD Contribution	\$2,138.35	\$2,138.34	11/27/2012	Y
CWA EP#15 Virgil Wilde	Agricultural Practices	Other Funds	2011 - Shoreland Improvement - Polk, East (SWCD)	\$1,985.02	\$1,985.02	11/27/2012	N
CWA EP#15 Virgil Wilde	Agricultural Practices	Other Funds	2011 CWA Sand Hill WTSHD - Landowner Contribution	\$827.09	\$827.09	11/27/2012	Y
CWA EP#15 Virgil Wilde	Agricultural Practices	Other Funds	2011 CWA Sand Hill WTSHD - WTSHD Contribution	\$496.25	\$496.26	11/27/2012	Y
CWA EP#17 Vig Farms LaVoi	Agricultural Practices	Current State Grant	2011 - Clean Water Assistance - Polk, East (SWCD)	\$17,721.91	\$17,721.91	11/27/2012	N
CWA EP#17 Vig Farms LaVoi	Agricultural Practices	Landowner Fund	2011 CWA Sand Hill WTSHD - Landowner Contribution	\$7,384.13	\$7,384.13	11/27/2012	Y

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
CWA EP#17 Vig Farms LaVoi	Agricultural Practices	Local Fund	2011 CWA Sand Hill WTSHD - WTSHD Contribution	\$4,430.47	\$4,430.47	11/27/2012	Y
CWA EP#19 Mik Grandbois - Moe Farm #2	Agricultural Practices	Current State Grant	2011 - Clean Water Assistance - Polk, East (SWCD)	\$16,725.30	\$16,725.30	11/27/2012	N
CWA EP#19 Mik Grandbois - Moe Farm #2	Agricultural Practices	Landowner Fund	2011 CWA Sand Hill WTSHD - Landowner Contribution	\$6,968.87	\$6,968.87	11/27/2012	Y
CWA EP#19 Mik Grandbois - Moe Farm #2	Agricultural Practices	Local Fund	2011 CWA Sand Hill WTSHD - WTSHD Contribution	\$4,181.33	\$4,181.33	11/27/2012	Y
CWA EP#21 Vig-Svedahl	Agricultural Practices	Current State Grant	2011 - Clean Water Assistance - Polk, East (SWCD)	\$15,621.74	\$15,621.74	12/13/2013	N
CWA EP#22 Grandbois	Agricultural Practices						
CWA EP#22 Mike Grandbois - Arneberg	Agricultural Practices						
CWA EP#23 Vig Farms - Reirson	Agricultural Practices						
CWA EP#28 Russell Gunufson	Agricultural Practices						
CWA EP#4 Roger Buchholz	Agricultural Practices	Current State Grant	2011 - Clean Water Assistance - Polk, East (SWCD)	\$6,642.00	\$6,642.00	10/17/2012	N
CWA EP#4 Roger Buchholz	Agricultural Practices	Landowner Fund	2011 CWA Sand Hill WTSHD - Landowner Contribution	\$2,767.50	\$2,767.50	10/17/2012	Y
CWA EP#4 Roger Buchholz	Agricultural Practices	Local Fund	2011 CWA Sand Hill WTSHD - WTSHD Contribution	\$1,660.50	\$1,660.50	10/17/2012	Y
CWA- EP#8 Mike Grandbois	Agricultural Practices	Current State Grant	2011 - Clean Water Assistance - Polk, East (SWCD)	\$9,933.90	\$9,933.90	10/25/2012	N
CWA- EP#8 Mike Grandbois	Agricultural Practices	Landowner Fund	2011 CWA Sand Hill WTSHD - Landowner Contribution	\$4,139.12	\$4,139.12	10/25/2012	Y
CWA- EP#8 Mike Grandbois	Agricultural Practices	Local Fund	2011 CWA Sand Hill WTSHD - WTSHD Contribution	\$2,483.48	\$2,483.48	10/25/2012	Y
CWA-E.P. #18 Vig Farms - Norsgard	Agricultural Practices	Current State Grant	2011 - Clean Water Assistance - Polk, East (SWCD)	\$8,533.82	\$8,533.82	11/26/2012	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
CWA-E.P. #18 Vig Farms - Norsgard	Agricultural Practices	Landowner Fund	2011 CWA Sand Hill WTSHD - Landowner Contribution	\$3,555.76	\$3,555.76	11/26/2012	Y
CWA-E.P. #18 Vig Farms - Norsgard	Agricultural Practices	Local Fund	2011 CWA Sand Hill WTSHD - WTSHD Contribution	\$2,133.45	\$2,133.45	11/26/2012	Y
CWA-EP #16 Jeff Broadwell	Agricultural Practices	Current State Grant	2011 - Clean Water Assistance - Polk, East (SWCD)	\$4,902.30	\$4,902.30	10/25/2012	N
CWA-EP #16 Jeff Broadwell	Agricultural Practices	Landowner Fund	2011 CWA Sand Hill WTSHD - Landowner Contribution	\$2,042.62	\$2,042.62	10/25/2012	Y
CWA-EP #16 Jeff Broadwell	Agricultural Practices	Local Fund	2011 CWA Sand Hill WTSHD - WTSHD Contribution	\$1,225.58	\$1,225.58	10/25/2012	Y
CWA-EP#1 Virgil Wilde Phase 1 (shoreland Imp)	Agricultural Practices	Other Funds	2011 - Shoreland Improvement - Polk, East (SWCD)	\$7,840.86	\$7,840.86	12/23/2011	N
CWA-EP#1 Virgil Wilde Phase 1 (shoreland Imp)	Agricultural Practices	Other Funds	2011 CWA Sand Hill WTSHD - Landowner Contribution	\$2,613.62	\$2,613.62	12/23/2011	Y
CWA-EP#1 Virgil Wilde Phase 1 (shoreland Imp)	Agricultural Practices						
CWA-EP#12 Briski -Vig Farms	Agricultural Practices	Current State Grant	2011 - Clean Water Assistance - Polk, East (SWCD)	\$23,521.82	\$23,521.82	10/25/2012	N
CWA-EP#12 Briski -Vig Farms	Agricultural Practices	Landowner Fund	2011 CWA Sand Hill WTSHD - Landowner Contribution	\$9,800.75	\$9,800.75	10/25/2012	Y
CWA-EP#12 Briski -Vig Farms	Agricultural Practices	Local Fund	2011 CWA Sand Hill WTSHD - WTSHD Contribution	\$5,880.45	\$5,880.45	10/25/2012	Y
CWA-EP#14 Harold Balstad (Shoreland Imp)	Agricultural Practices	Other Funds	2011 - Shoreland Improvement - Polk, East (SWCD)	\$11,442.96	\$11,442.96	10/25/2012	N
CWA-EP#14 Harold Balstad (Shoreland Imp)	Agricultural Practices	Other Funds	2011 CWA Sand Hill WTSHD - Landowner Contribution	\$4,767.90	\$4,767.90	10/25/2012	Y
CWA-EP#14 Harold Balstad (Shoreland Imp)	Agricultural Practices	Other Funds	2011 CWA Sand Hill WTSHD - WTSHD Contribution	\$2,860.74	\$2,860.74	10/25/2012	Y
CWA-EP#14 Harold Balstad (Shoreland Imp)	Agricultural Practices						
CWA-EP#2 Sonny Balstad Phase 1 (Shoreland Imp)	Agricultural Practices	Other Funds	2011 - Shoreland Improvement - Polk, East (SWCD)	\$4,642.16	\$4,642.16	12/23/2011	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
CWA-EP#2 Sonny Balstad Phase 1 (Shoreland Imp)	Agricultural Practices	Other Funds	2011 CWA Sand Hill WTSHD - Landowner Contribution	\$1,547.38	\$1,547.38	12/23/2011	Y
CWA-EP#2 Sonny Balstad Phase 1 (Shoreland Imp)	Agricultural Practices						
CWA-EP#3 Warren Affedlt Phase 1	Agricultural Practices	Current State Grant	2011 - Clean Water Assistance - Polk, East (SWCD)	\$39,639.00	\$39,639.00	12/27/2011	N
CWA-EP#3 Warren Affedlt Phase 1	Agricultural Practices	Landowner Fund	2011 CWA Sand Hill WTSHD - Landowner Contribution	\$15,271.00	\$15,271.00	12/27/2011	Y
CWA-EP#6 Carver Mike Grandbois	Agricultural Practices	Current State Grant	2011 - Clean Water Assistance - Polk, East (SWCD)	\$9,734.40	\$9,734.40	10/25/2012	N
CWA-EP#6 Carver Mike Grandbois	Agricultural Practices	Landowner Fund	2011 CWA Sand Hill WTSHD - Landowner Contribution	\$4,056.00	\$4,056.00	10/25/2012	Y
CWA-EP#6 Carver Mike Grandbois	Agricultural Practices	Local Fund	2011 CWA Sand Hill WTSHD - WTSHD Contribution	\$2,433.60	\$2,433.60	10/25/2012	Y

Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Size / Unit
350 - Sediment Basin	1	1	9 COUNT
350 - Sediment Basin	3	3	2 COUNT
350 - Sediment Basin	3	3	3 COUNT
638 - Water and Sediment Control Basin	3	3	5 COUNT
638 - Water and Sediment Control Basin	2	0	0 COUNT
350 - Sediment Basin	1	1	5 COUNT
638 - Water and Sediment Control Basin	6	12	4 COUNT
638 - Water and Sediment Control Basin	3	3	3 COUNT
638 - Water and Sediment Control Basin	3	7	7 COUNT
350 - Sediment Basin	1	1	0 COUNT

Indicators Summary

Indicator Name	Total Value	Unit
SOIL (EST. SAVINGS)	1929.36	TONS/YR
SEDIMENT (TSS)	1341.18	TONS/YR
PHOSPHORUS (EST. REDUCTION)	1395.75	LBS/YR

Grant Activity

Grant Activity - 2011 CWA Grant - BMP's			
Description	Working with approximately 9 landowners to install approximately 29 sediment basins located within the Sand Hill River Watershed area.		
Category	AGRICULTURAL PRACTICES		
Start Date	1-Apr-13	End Date	Fri Dec 13 00:00:00 CST 2013
Rates and Hours			
Actual Results	<p>12/12/2013 EP #21 Vig Farms - Svedahl installed 7 water and sediment control basins in section 15, T147N 40W Rosebud Township. Installed 1,645 ft of 6" tile, 10 ft of 8" tile, 1290 ft of 10" tile, 550 ft of 12" tile, 400 ft of 15" tile. JPB Engineer, Jim Hest surveyed, designed, and completed as built inspection on the project.</p> <p>12/30/2013 CWA EP #07 Aaron Lenos installed 3 water and sediment control basins in Sec. 16 of Rosebud Township. Engineer design included 600 ft. of 6" tile, 1450 ft. of 12" tile, 530 cu yd of earthfill to complete the project. Secondary practices include PS 606 subsurface drain and PS 620 underground outlet.</p> <p>12/31/13 CWA EP # 05 Gary Sonsteli installed 4 Water and Sediment Control Basins in Section 31, Winger TWP. Supporting practices include PS 606 subsurface drain and PS 620 underground outlet. The installed practice included 130' of 10" single wall tile, 1130' of 15" single wall tile, 10' of 6" tile, 300' of 15" dual wall tile, 30' of 8" single wall tile, and 350 cu yd of earthfill.</p> <p>12/31/2013 CWA EP #11 David Balstad installed 4 water and sediment control basins in Sec 29, Sletten TWP. Supporting practices include PS 606 subsurface drain and PS 620 Underground Outlet. Items installed include 275 cu yd of earthfill, 790' of 6" tile, 950' 10" tile, 650' of 12" tile.</p>		

Activity Action - CWA EP #21 Vig Farms - Svedahl			
Practice	638 - Water and Sediment Control Basin	Count of Activities	5
Description	7 Water and Sediment Control Basins Installed		
Proposed Size / Units	7 COUNT	Lifespan	10 Years
Actual Size/Units	7 COUNT	Installed Date	1-Sep-13
Final Indicator for CWA EP #21 Vig Farms - Svedahl			
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 Vig Farms - Svedahl			
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)		
Final Indicator for CWA EP #21 Vig Farms - Svedahl			
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)		

Activity Action - CWA EP # 05 Gary Sonsteli			
Practice	638 - Water and Sediment Control Basin	Count of Activities	5
Description	4 water and sediment control basins installed in section 31, Winger TWP.		
Proposed Size / Units	4 COUNT	Lifespan	10 Years
Actual Size/Units	4 COUNT	Installed Date	1-Sep-13
Final Indicator for CWA EP # 05 Gary Sonsteli			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	70.36
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Sand Hill River		
Final Indicator for CWA EP # 05 Gary Sonsteli			
Indicator Name	SOIL (EST. SAVINGS)	Value	201.04
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)

Waterbody	Sand Hill River		
Final Indicator for CWA EP # 05 Gary Sonsteli			
Indicator Name	SEDIMENT (TSS)	Value	80.92
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Sand Hill River		

Activity Action - CWA EP #7 Aaron Len			
Practice	638 - Water and Sediment Control Basin	Count of Activities	5
Description	3 water and sediment basins installed in section 16 of Rosebud Township.		
Proposed Size / Units	3 COUNT	Lifespan	10 Years
Actual Size/Units	3 COUNT	Installed Date	15-Jul-13

Final Indicator for CWA EP #7 Aaron Len			
Indicator Name	SOIL (EST. SAVINGS)	Value	96.95
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	DNR PWI Unnamed (60-344 W)		

Final Indicator for CWA EP #7 Aaron Len			
Indicator Name	SEDIMENT (TSS)	Value	16.97
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	DNR PWI Unnamed (60-344 W)		

Final Indicator for CWA EP #7 Aaron Len			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	19.51
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	DNR PWI Unnamed (60-344 W)		

Activity Action - CWA EP #11 David Balstad			
Practice	638 - Water and Sediment Control Basin	Count of Activities	5
Description	4 Water and sediment control Basins installed in Sec. 29 Sletten Township		
Proposed Size / Units	4 COUNT	Lifespan	10 Years
Actual Size/Units	4 COUNT	Installed Date	1-Sep-13
Final Indicator for CWA EP #11 David Balstad			
Indicator Name	SOIL (EST. SAVINGS)	Value	143.61
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Sand Hill River		
Final Indicator for CWA EP #11 David Balstad			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	165.15
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Sand Hill River		
Final Indicator for CWA EP #11 David Balstad			
Indicator Name	SEDIMENT (TSS)	Value	143.61
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Sand Hill River		

Activity Action - 0			
Practice	638 - Water and Sediment Control Basin	Count of Activities	5
Description			
Proposed Size / Units	0 COUNT	Lifespan	Unknown
Actual Size/Units	COUNT	Installed Date	

Grant Activity - 2011 CWA Sand Hill Watershed Project - Administration

Description	All administration duties to fullfill the grant requirements. This includes project billing/accounting, corrdinating billings with the Sand Hill Watershed District, Board meeting approval of cost- share contracts and payments. Attending CWA meetings put on by BWSR and other administrative sessions. Complete necessary reports and forms as required to fullfill the grant agreement.		
Category	ADMINISTRATION/COORDINATION		
Start Date		End Date	
Rates and Hours			
Actual Results	<p>As of 7/1/11 45 hours were spent on administration.</p> <p>From 7/1/11 to 12/28/11 Gary Lee spent 176 hours administering the grant agreement doing landowner visits, elink reporting, board meeting discussion, and other administration duties related to theis grant. Katie Engelmann had 90 hours assisting in the administration to carry out the CWA grant. As of the end of April, 2012 all administration funds have been spent with an additional \$1,628.28 administration inkind. For administration there was \$14,053 available and the District has spent \$15,681.28. This will close out all administration funding for this grant.</p>		

Grant Activity - 2011 CWA Sand Hill Watershed Project - Engineering/technical

Description Have licensed engineer/technician (RRV CSA Engineer - Jim Hest, Technician - Jeff Haverland) that has proper job approval authority complete on site evaluation of project area. Complete required surveys, designs, construction as built; as require. Follow project from the beginning phase to completion phase for approved cost share money. NRCS FOTG will be use to apply practice standards and specification for all BMP's.

Category TECHNICAL/ENGINEERING ASSISTANCE

Start Date 1-Apr-11 **End Date** Tue Dec 17 00:00:00 CST 2013

Rates and Hours

Actual Results

2011 CWA EP #4 Roger Buchholz engineer fee of \$1,100 paid.

CWA EP#16 completed Jeff Broadwell \$800.00 engineering fee

CWA EP#6 completed Mike Grandbois \$1,100 engineering fee.

CWA EP#12 completed Vig Farms Briski \$1,700 engineering fee.

CWA EP#14 completed Harold Balstad \$1,100 engineering fee.

CWA EP#18 completed vig Farms- Norsgard engineering fee of \$1,700.

CWA EP#17 completed Vig Farms LaVoi engineering fee of \$2,300.

CWA EP #19 completed Mike Grandbois Moe Farm #2 engineering fee of \$1,680

CWA EP#5 Gary Sonsteli, \$1,680 to RRV TSA for survey, design, O&M plan, construction check.

CWA EP#7 Aaron Lenes, \$805 paid to RRV TSA for survey, design, O&M plan, and construction check.

CWA EP#8 Mike Grandbois - Moe, \$800 paid to RRV TSA for survey, design, O&M plan, construction check.

CWA EP#15 Virgil Wilde, \$1,700 paid to RRVTSa for survey, design, O&M plan, construction check.

CWA EP#21 Vig Farms - Svedahl, engineering fee of \$3,220 paid to RRVTSa for survey, design, O&M plan, construction check.

CWA EP#22 Mike Grandbois - Arneberg, engineering fee of \$2,030 paid to RRVTSa for survey, design, O&M plan, construction check.

CWA EP#23 Vig Farms - Rierson, engineering fee of \$2,030 paid to RRVTSa for survey, design, O&M plan, construction check.

CWA EP#28 Russel Gunufson, engineering fee of \$895 paid to RRVTS for survey, design, O&M plan, construction check.

CWA EP#27 Iverson Farms, engineering fee of \$2,380 paid to RRVTSa for survey, design, O&M plan, construction check.

CWA EP#09 David Balstad, engineering fee of \$1120 paid to RRVTSa for survey, design, O&M plan, construction check.

CWA EP#10 David Balstad, engineering fee of \$1680 paid to RRVTSa for survey, design, O&M plan, construction check.

CWA EP#11 David Balstad, engineering fee of \$1400 paid to RRVTSa for survey, design, O&M plan.

CWA EP#25 Warren Affeldt, engineering fee of \$2,380 paid to RRVTSa for survey, design, O&M plan.

Grant Activity - 2011 CWA Sand Hill Watershed Project Development

Description	9 landowners will install 29 sediment basins and landowners that have shown interested installing sediment basins on their property will be contacted to see if there is still interest in the project, and sites will then be reviewed. Sites will be prioritized, signed up for cost-sharing. a request for project assistance will be sent to area engineering for follow-up.		
Category	PROJECT DEVELOPMENT		
Start Date		End Date	
Rates and Hours			
Actual Results	As of 7/1/11 206 hours were used to develop program, make contacts ect.		

Grant Activity - 2011 Shoreland improvement grant - BMP's			
Description	To install sediment basins withing the shoreland of the Sand Hill River watershed area. 9 landowners have shown interest install approximately 29 sediment basin. This in conjunction of the CWA grant.		
Category	AGRICULTURAL PRACTICES		
Start Date		End Date	
Rates and Hours			
Actual Results	This grant is associated with the CWA grant for installing sediment basins. As of Sept 2012 no new money has been spent but there has been significant surveys and plan completed with landowners. Once the projects have been completed we will determine which projects will be cost shared under this grant. They will be reported into elink this fall.		

Activity Action - Legacy Migrated Data			
Practice	638 - Water and Sediment Control Basin	Count of Activities	1
Description	Met with Virgil Wilde went over plans and specs of project. Signed contract, Board approved on 4/12/11		
Proposed Size / Units	COUNT	Lifespan	10 Years
Actual Size/Units	COUNT	Installed Date	11-Apr-11

Grant Activity - CWA EP #07 Aaron Lenex			
Description	CWA EP #07 Aaron Lenex		
Category	AGRICULTURAL PRACTICES		
Start Date	1-May-13	End Date	Mon Jul 15 00:00:00 CDT 2013
Rates and Hours			
Actual Results	12/30/2013 CWA EP #07 Aaron Lenex installed 3 water and sediment control basins in Sec. 16 of Rosebud Township. Engineer design included 600 ft. of 6" tile, 1450 ft. of 12" tile, 530 cu yd of earthfill to complete the project. Secondary practices include PS 606 subsurface drain and PS 620 underground outlet.		

Activity Action - CWA EP #07 Aaron Lenex			
Practice	638 - Water and Sediment Control Basin	Count of Activities	1
Description	3 Water and sediment control basins installed in Sec. 16 of Rosebud Township.		
Proposed Size / Units	3 COUNT	Lifespan	10 Years
Actual Size/Units	3 COUNT	Installed Date	15-Jul-13
Final Indicator for CWA EP #07 Aaron Lenex			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	19.51
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	DNR PWI Unnamed (60-344 W)		
Final Indicator for CWA EP #07 Aaron Lenex			
Indicator Name	SOIL (EST. SAVINGS)	Value	96.95
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	DNR PWI Unnamed (60-344 W)		
Final Indicator for CWA EP #07 Aaron Lenex			
Indicator Name	SEDIMENT (TSS)	Value	16.97
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	DNR PWI Unnamed (60-344 W)		

Grant Activity - CWA EP #11 David Balstad			
Description	CWA EP #11 David Balstad		
Category	AGRICULTURAL PRACTICES		
Start Date	1-May-13	End Date	Sun Sep 01 00:00:00 CDT 2013
Rates and Hours			
Actual Results	12/31/2013 CWA EP #11 David Balstad installed 4 water and sediment control basins in Sec 29, Sletten TWP. Supporting practices include PS 606 subsurface drain and PS 620 Underground Outlet. Items installed include 275 cu yd of earthfill, 790' of 6" tile, 950' 10" tile, 650' of 12" tile.		

Activity Action - CWA EP #11 David Balstad			
Practice	638 - Water and Sediment Control Basin	Count of Activities	1
Description	4 Water and Sediment Control Basins installed in Sec. 29, Sletten TWP		
Proposed Size / Units	4 COUNT	Lifespan	10 Years
Actual Size/Units	4 COUNT	Installed Date	1-Sep-13
Final Indicator for CWA EP #11 David Balstad			
Indicator Name	SOIL (EST. SAVINGS)	Value	143.61
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Sand Hill River		
Final Indicator for CWA EP #11 David Balstad			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	165.15
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Sand Hill River		
Final Indicator for CWA EP #11 David Balstad			
Indicator Name	SEDIMENT (TSS)	Value	143.61
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Sand Hill River		

Grant Activity - CWA EP#05 Gary Sonstelie			
Description	CWA EP#05 Gary Sonstelie		
Category	AGRICULTURAL PRACTICES		
Start Date	1-May-13	End Date	Sun Sep 01 00:00:00 CDT 2013
Rates and Hours			
Actual Results	12/31/13 CWA EP # 05 Gary Sonstelie installed 4 Water and Sediment Control Basins in Section 31, Winger TWP. Supporting practices include PS 606 subsurface drain and PS 620 underground outlet. The installed practice included 130' of 10" single wall tile, 1130' of 15" single wall tile, 10' of 6 " tile, 300' of 15" dual wall tile, 30' of 8" single wall tile, and 350 cu yd of earthfill.		

Activity Action - CWA EP #05 Gary Sonstelie			
Practice	638 - Water and Sediment Control Basin	Count of Activities	1
Description	4 Water and Sediment Control Basins installed in Sec. 31 Winger TWP		
Proposed Size / Units	4 COUNT	Lifespan	10 Years
Actual Size/Units	4 COUNT	Installed Date	1-Sep-13
Final Indicator for CWA EP #05 Gary Sonstelie			
Indicator Name	SOIL (EST. SAVINGS)	Value	201.04
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Ditch System		
Final Indicator for CWA EP #05 Gary Sonstelie			
Indicator Name	SEDIMENT (TSS)	Value	70.36
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Ditch System		
Final Indicator for CWA EP #05 Gary Sonstelie			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	80.92
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Ditch System		

Grant Activity - CWA EP#15 Virgil Wilde			
Description	Landowner to install 5 water sediment basins in section 20 sletten township east Polk County		
Category	AGRICULTURAL PRACTICES		
Start Date		End Date	Tue Nov 27 00:00:00 CST 2012
Rates and Hours			
Actual Results	Landowner installed 5 water sediment basins in section 10 sletten township. also included were 860 ft of 6" tile, 1040 ft of 8" tile and 240 ft of 10 tile. Jim Hest JPB engineer surveyed, designed and completed construction as built on the project.		

Activity Action - Legacy Migrated Data			
Practice	638 - Water and Sediment Control Basin	Count of Activities	1
Description	installed 5 sed basins		
Proposed Size / Units	COUNT	Lifespan	10 Years
Actual Size/Units	5 COUNT	Installed Date	9-Aug-12

Grant Activity - CWA EP#17 Vig Farms LaVoi			
Description	To install 4 water/sediment basins in section 29 Rosebud Township East Polk County		
Category	AGRICULTURAL PRACTICES		
Start Date		End Date	Wed Nov 21 00:00:00 CST 2012
Rates and Hours			
Actual Results	Landowner installed 4 water/sediment basins in section 29 Rosebud township which included 640 feet 15" dual wall tile, 420 feet 12" dual wall tile 520 feet 12" perforated tile and 410 feet of 6" perforated tile. Jim Hest JPB engineer surveyed, designed and final construction check of the project.		

Activity Action - Legacy Migrated Data			
Practice	638 - Water and Sediment Control Basin	Count of Activities	1
Description			
Proposed Size / Units	COUNT	Lifespan	10 Years
Actual Size/Units	4 COUNT	Installed Date	11-Oct-12

Grant Activity - CWA EP#19 Mik Grandbois - Moe Farm #2			
Description	Landowner plans to install 5 water/sediment basins in section 10 sletten township east Polk county.		
Category	AGRICULTURAL PRACTICES		
Start Date		End Date	Tue Nov 27 00:00:00 CST 2012
Rates and Hours			
Actual Results	Landowner installed 5 water/sediment basins in section 10 sletten township. Also included were 1870 feet of 6" tile, 860 feet of 8" tile and 260 feet of 10" tile. Jim Hest from the JPB was the engineer in charge of survey, design and construction of the project. He also approved all bills and as built.		

Activity Action - Legacy Migrated Data			
Practice	638 - Water and Sediment Control Basin	Count of Activities	1
Description	installed 5 water sediment basins		
Proposed Size / Units	COUNT	Lifespan	10 Years
Actual Size/Units	5 COUNT	Installed Date	12-Oct-12

Grant Activity - CWA EP#21 Vig-Svedahl			
Description	CWA EP#21 Vig-Svedahl		
Category	AGRICULTURAL PRACTICES		
Start Date	1-May-13	End Date	Fri Dec 13 00:00:00 CST 2013
Rates and Hours			
Actual Results	Landowner installed 7 water and sediment control basins in section 15, T147N 40W Rosebud Township. Installed 1,645 ft of 6" tile, 10 ft of 8" tile, 1290 ft of 10" tile, 550 ft of 12" tile, 400 ft of 15" tile. JPB Engineer, Jim Hest surveyed, designed, and completed as built inspection on the project.		

Activity Action - CWA EP #21 Vig Farms-Svedahl			
Practice	638 - Water and Sediment Control Basin	Count of Activities	1
Description	7 Water and Sediment Control Basins were installed		
Proposed Size / Units	7 COUNT	Lifespan	10 Years
Actual Size/Units	7 COUNT	Installed Date	1-Sep-13
Final Indicator for CWA EP #21 Vig Farms-Svedahl			
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 Vig Farms-Svedahl			
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 Vig Farms-Svedahl			
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 Grandbois			
Description	CWA EP#22 Grandbois		
Category	AGRICULTURAL PRACTICES		
Start Date		End Date	
Rates and Hours			
Actual Results			

Grant Activity - CWA EP#22 Mike Grandbois - Arneberg			
Description	CWA EP#22 Mike Grandbois - Arneberg plans to install 4 water and sediment control basins on Sec. 15, Sletten Township.		
Category	AGRICULTURAL PRACTICES		
Start Date	1-May-13	End Date	Tue Oct 01 00:00:00 CDT 2013
Rates and Hours			
Actual Results	12/13/2013 Mike Grandbois installed 4 water and sediment control basins in Sec. 15 Sletten Township. Project included 510 cu. yd. earthfill, 20 ft. of 6" tile, 680 ft. of 8" tile, 1300 ft. of 12" tile. RRV TSA Engineer Jim Hest was the project engineer.		

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	1-Oct-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 - Reirson			
Description	CWA EP#23 Vig Farms - Reirson plan to instal 3 water and sediment control basins.		
Category	AGRICULTURAL PRACTICES		
Start Date	1-May-13	End Date	Sun Sep 01 00:00:00 CDT 2013
Rates and Hours			
Actual Results	12/13/2013 CWA EP#23 Vig Farms - Rierson installed 3 water and sediment control basins in Sec. 13, Sletten Township. Project involved PS 638, PS 606 Subsurface drain, PS 620 underground outlet including 800 cu yd earthfill, 50 ft. of 6" tile, 1050 ft. of 8" tile, 850 ft. of 12" tile. RRV TSA Engineer Jim Hest completed engineering services.		

Activity Action - CWA EP#23 Vig Farms - Reirson			
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	30-Sep-13
Final Indicator for CWA EP#23 Vig Farms - Reirson			
Indicator Name	SOIL (EST. SAVINGS)	Value	126.4
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	DNR PWI Unnamed (60-574 W)		
Final Indicator for CWA EP#23 Vig Farms - Reirson			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	126.4
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	DNR PWI Unnamed (60-574 W)		
Final Indicator for CWA EP#23 Vig Farms - Reirson			
Indicator Name	SEDIMENT (TSS)	Value	126.4
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	DNR PWI Unnamed (60-574 W)		

Grant Activity - CWA EP#28 Russell Gunufson			
Description	CWA EP#28 Russell Gunufson Russell Gunufson plans to install 8 water and sediment control basins in Section 33 of Winger Township. Cost estimate for project is \$40,056.40. Engineering Fee will be \$3,600.		
Category	AGRICULTURAL PRACTICES		
Start Date	1-Apr-13	End Date	Mon Sep 30 00:00:00 CDT 2013
Rates and Hours			
Actual Results	Russell Gunufson installed seven (P.S. 638) water and sediment control basins in Section 33 of Winger Township. Engineering practices 606 - subsurface drain, and 620 - underground outlet were included in the design. 3500 cu yd of earth fill, 2,645 ft of 6" single wall tile, 500 ft of 10" single wall tile was installed on the project.		

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 were installed in Sec. 33, Winger Township		
Proposed Size / Units	7 COUNT	Lifespan	10 Years
Actual Size/Units	7 COUNT	Installed Date	30-Sep-13
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		
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	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		

Grant Activity - CWA EP#4 Roger Buchholz			
Description	Roger plans to install 3 sediment basin that were surveyed and designed by the JPB engineer in section 4 Sletten Township		
Category	AGRICULTURAL PRACTICES		
Start Date		End Date	Thu Oct 11 00:00:00 CDT 2012
Rates and Hours			
Actual Results	Roger installed 3 water sed basins in sec 4 Sletten township. this included 40 feet of 12" CMP 400 feet of 6" dual wall pipe, 320 feet of 8" dual wall pipe and 240 feet of 10" dual wall pipe. JPB engineer Jim Hest was project engineer.		

Activity Action - Legacy Migrated Data			
Practice	350 - Sediment Basin	Count of Activities	1
Description			
Proposed Size / Units	COUNT	Lifespan	10 Years
Actual Size/Units	3 COUNT	Installed Date	8-Jun-11

Grant Activity - CWA- EP#8 Mike Grandbois			
Description	Landowner plans to install 2 water sediment basins located in section 10 Sletten township. Jim Hest JPB is engineer in charge.		
Category	AGRICULTURAL PRACTICES		
Start Date		End Date	Thu Oct 11 00:00:00 CDT 2012
Rates and Hours			
Actual Results	Mike installed the 2 sediment basins located in section 10 Sletten. Also 600 feet of 6" single wall tile, 360 feet of 8" single wall tile, and 540 feet 12" single wall tile. Jim Hest JPB was project engineer.		

Activity Action - Legacy Migrated Data			
Practice	350 - Sediment Basin	Count of Activities	1
Description			
Proposed Size / Units	COUNT	Lifespan	10 Years
Actual Size/Units	COUNT	Installed Date	7-Mar-12

Grant Activity - CWA-E.P. #18 Vig Farms - Norsgard			
Description	Vig Farms plan to install 5 water/sediment basins in section 32 Rosebud township. This will include 1505 feet of 6" tile and 410 feet of 8" tile. Jim Hest, Area JPB will be survey, design and construction engineer for the project		
Category	AGRICULTURAL PRACTICES		
Start Date		End Date	Mon Nov 12 00:00:00 CST 2012
Rates and Hours			
Actual Results			

Activity Action - Legacy Migrated Data			
Practice	638 - Water and Sediment Control Basin	Count of Activities	1
Description	Installed 5 water sediment basins with 1505 6" tile and 410 feet 8" tile Jim Hest JPB was engineer oversee design and construction of project		
Proposed Size / Units	COUNT	Lifespan	10 Years
Actual Size/Units	5 COUNT	Installed Date	

Grant Activity - CWA-EP #16 Jeff Broadwell			
Description	Landowner plans to install 2 water sediment basins located in section 22 Sletten Township. Jim Hest JPB engineer will design project.		
Category	AGRICULTURAL PRACTICES		
Start Date		End Date	Thu Oct 11 00:00:00 CDT 2012
Rates and Hours			
Actual Results	Jeff installed 2 water sediment basins located in section 22 Sletten township. 220 feet 6" single wall tile, 385 feet 8" single wall tile and 315 feet of 10" single wall tile. Jim Hest JPB was project engineer.		

Activity Action - Legacy Migrated Data			
Practice	350 - Sediment Basin	Count of Activities	1
Description			
Proposed Size / Units	COUNT	Lifespan	10 Years
Actual Size/Units	2 COUNT	Installed Date	13-Sep-12

Grant Activity - CWA-EP#1 Virgil Wilde Phase 1 (shoreland Imp)			
Description	Intall sediment basins to controll erosion from entering into the Sand Hill River. Number of basin to be determined after survey.		
Category	AGRICULTURAL PRACTICES		
Start Date		End Date	Thu Nov 17 00:00:00 CST 2011
Rates and Hours			
Actual Results	2 sediment basins were installed from designs done by engineer Jim Hest from the RRVCSA1. Project cost were less that cost estimate. The 2 basins required 600 cu yds of dirt for dikes to be moved, 12' of CMP pipe, 700 ft of 6 inch no-perferated hd, pe tubing and 960 feet of 6 inch perferated hd,pe tubing. Engineering cost \$800.00		

Activity Action - Legacy Migrated Data			
Practice	350 - Sediment Basin	Count of Activities	1
Description			
Proposed Size / Units	COUNT	Lifespan	10 Years
Actual Size/Units	2 COUNT	Installed Date	1-Jun-11

Grant Activity - CWA-EP#12 Briski -Vig Farms			
Description	Vig Farms plan to install 5 water sediment basins in section 12 Sletten township Jim Hest JPB engineer design project		
Category	AGRICULTURAL PRACTICES		
Start Date		End Date	Thu Oct 11 00:00:00 CDT 2012
Rates and Hours			
Actual Results	Vig Farms installed 5 water sediment basin in section 12 sletten township. this included 680 feet dual wall non perforated 15" tile, 780 feet 12" dual wall non perforated tile, 700 feet 12" dual wall non perforated tile, 850 feet 8" non perforated tile and 50 feet 6" tile. Jim Hest was project engineer.		

Activity Action - Legacy Migrated Data			
Practice	350 - Sediment Basin	Count of Activities	1
Description			
Proposed Size / Units	COUNT	Lifespan	10 Years
Actual Size/Units	5 COUNT	Installed Date	7-Jun-12

Grant Activity - CWA-EP#14 Harold Balstad (Shoreland Imp)			
Description	Landowner plans to install 3 sediment basins in section 16 Sletten township. Design engineer will be Jim Hest JPB		
Category	AGRICULTURAL PRACTICES		
Start Date		End Date	Thu Oct 11 00:00:00 CDT 2012
Rates and Hours			
Actual Results	Landowner installed 3 sediment basins in sesction 16 sletten township. Jim Hest was design engineer. Project consisted of 280 feet 10 inch tile, 400 feet 8 inch tile, 600 feet 6 inch tile.		

Activity Action - Legacy Migrated Data			
Practice	350 - Sediment Basin	Count of Activities	1
Description			
Proposed Size / Units	COUNT	Lifespan	10 Years
Actual Size/Units	3 COUNT	Installed Date	9-Aug-12

Grant Activity - CWA-EP#2 Sonny Balstad Phase 1 (Shoreland Imp)			
Description	sediment basins will be installed in proposed field. Number of basins needed will be determined by Jime Hest, engineer of RRVCSA1 once survey and plan design are completed. This field drains into the Sand Hill River. This project is from the shoreland Improvement grant from the overall Clean water assistance grant		
Category	AGRICULTURAL PRACTICES		
Start Date		End Date	Fri Dec 23 00:00:00 CST 2011
Rates and Hours			
Actual Results	jim Hest, engineer of record determined that 2 sediment basins were need to control erosion. These basins were designed according to NRCS specifications. 550 cu. yd of dirt were needed to build sediment basin and 810 corrugated 6 inch dual wall non perforated tubing installed. Engineering cost was \$800.00		

Activity Action - Legacy Migrated Data			
Practice	350 - Sediment Basin	Count of Activities	1
Description			
Proposed Size / Units	COUNT	Lifespan	10 Years
Actual Size/Units	2 COUNT	Installed Date	12-Apr-11

Grant Activity - CWA-EP#3 Warren Affedlt Phase 1			
Description	Intall sediment basins that drain into county ditch that is within 1/2 mile of Sand Hill River.		
Category	AGRICULTURAL PRACTICES		
Start Date		End Date	Thu Dec 15 00:00:00 CST 2011
Rates and Hours			
Actual Results	Sediment basins were surveyed and designed by engineer Jim Hest from the RRVCSA1. 9 sediment basins were installed using NRCS design criteria. included were the following 880 ft 15" dual wall PE tubing, 640 ft 10" dual wall PE tubing, 1620" 8" dual wall PE tubing. Engineering cost were\$3,200.		

Activity Action - Legacy Migrated Data			
Practice	350 - Sediment Basin	Count of Activities	1
Description			
Proposed Size / Units	COUNT	Lifespan	10 Years
Actual Size/Units	9 COUNT	Installed Date	9-Jun-11

Grant Activity - CWA-EP#6 Carver Mike Grandbois			
Description	Landowner plans to install 3 sediment basins in section 9 sletten township with Jim Hest JPB engineer who is desginig the practice.		
Category	AGRICULTURAL PRACTICES		
Start Date		End Date	Thu Oct 11 00:00:00 CDT 2012
Rates and Hours			
Actual Results	Landowner installed 3 water sediment basins in section 9 Sletten Township. included was 1160 feet 6" single wall tile, 440 feet of 8" tile. Jim Hest JPB was design engineer .		

Activity Action - Legacy Migrated Data			
Practice	350 - Sediment Basin	Count of Activities	1
Description			
Proposed Size / Units	COUNT	Lifespan	10 Years
Actual Size/Units	3 COUNT	Installed Date	7-Mar-12

Grant Attachments

Document Name	Document Type	Description
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 12/17/2013
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 12/19/2013
grant_app_general-added.rpt	Grant	2011 - Clean Water Assistance - Polk, East (SWCD)
grant_app_general-added.rpt	Grant	2011 - Clean Water Assistance - Polk, East (SWCD)
grant_app_general.rpt	Grant	2011 - Clean Water Assistance - Polk, East (SWCD)
grant_app_general.rpt	Grant	2011 - Clean Water Assistance - Polk, East (SWCD)

Document Name	Document Type	Description
grant_app_general.rpt	Grant	2011 - Clean Water Assistance - Polk, East (SWCD)