



Grant All-Detail Report 2013 - Livestock Waste Management Grant

Grant Title - 2013 - Livestock Waste Management Grant - Todd (SWCD)

Grant ID - C13-3795

Organization - Todd SWCD

Grant Awarded Amount	\$240,980.00	Grant Execution Date	
Required Match Amount	\$60,245.00	Grant End Date	1/1/2020
Required Match %	25%	Grant Day To Day Contact	Sarah Katterhagen

Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$240,980.00	\$240,980.00	\$0.00
Total Match Amount	\$173,272.95	\$174,382.47	\$-1,109.52
Total Other Funds	\$158,068.96	\$105,918.96	\$52,150.00
Total	\$572,321.91	\$521,281.43	\$51,040.48

*Grant balance remaining is the difference between the Awarded Amount and the Spent Amount. Other values compare budgeted and spent amounts.

Budget Details

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Match
Bartlett Township 2 vegetated filters	Livestock Waste Management	Current State Grant	2013 - Livestock Waste Management Grant - Todd (SWCD)	\$30,000.00	\$30,000.00	1/9/2014	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction	
						Date	Match
Bartlett Township 2 vegetated filters	Livestock Waste Management	Federal Funds	Federal Funding 2013	\$49,951.47	\$49,951.47	1/9/2014	Y
Bartlett Township 2 vegetated filters	Livestock Waste Management	Landowner Fund	2013 Livestock Management-- Landowner Quam Match	\$57,945.53	\$57,945.53	1/9/2014	Y
Birchdale Ag Waste Facility	Livestock Waste Management	Current State Grant	2013 - Livestock Waste Management Grant - Todd (SWCD)	\$0.00			N
Birchdale Ag Waste Facility	Livestock Waste Management	Other Funds	2012 - Feedlot - Todd (SWCD)	\$64,650.20	\$64,650.20	10/13/2016	N
Birchdale Ag Waste Facility	Livestock Waste Management	Other Funds	Landowner	\$21,550.06	\$21,550.06	10/13/2016	Y
Bruce Township Ag Waste	Livestock Waste Management	Current State Grant	2013 - Livestock Waste Management Grant - Todd (SWCD)	\$100,020.05	\$100,020.05	12/8/2016	N
Bruce Township Ag Waste	Livestock Waste Management	Landowner Fund	Landowner	\$33,339.99	\$33,339.99	12/8/2016	Y
E-Valley Manure Storage	Livestock Waste Management	Other Funds	2012 - Feedlot - Todd (SWCD)	\$7,710.63	\$7,710.63	12/31/2015	N
E-Valley Manure Storage	Livestock Waste Management	Other Funds	landowner portion of project	\$5,558.07	\$5,558.07	12/31/2015	Y
Funds to be Encumbered for C/S	Agricultural Practices	Current State Grant	2013 - Livestock Waste Management Grant - Todd (SWCD)	\$0.00			N
Livestock Management: Administration 2013-2015	Administration /Coordination	Current State Grant	2013 - Livestock Waste Management Grant - Todd (SWCD)	\$1,291.75	\$1,291.75	12/31/2015	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction	
						Date	Match
Livestock Management: Administration 2013-2015	Administration /Coordination	Local Fund	Livestock Management-Todd County Match 2013-2015	\$120.00	\$169.07	6/30/2015	Y
Livestock Management: Project Development 2013-2015	Project Development	Current State Grant	2013 - Livestock Waste Management Grant - Todd (SWCD)	\$19,400.00	\$19,400.00	12/31/2014	N
Livestock Management: Project Development 2013-2015	Project Development	Local Fund	Livestock Management-Todd County Match 2013-2015	\$1,600.00	\$1,208.61	12/31/2014	Y
Livestock Management: Project Development 2013-2015	Project Development	Local Fund	Livestock Management-WCTSA Engineering Match 2013-2015	\$3,250.00	\$1,917.88	6/30/2015	Y
Livestock Management: Technical Assistance 2013-2015	Technical/Engineering Assistance	Current State Grant	2013 - Livestock Waste Management Grant - Todd (SWCD)	\$32,395.32	\$32,395.32	12/31/2016	N
Livestock Management: Technical Assistance 2013-2015	Technical/Engineering Assistance	Local Fund	Livestock Management-Todd County Match 2013-2015	\$3,400.00	\$1,200.00	6/30/2015	Y
Livestock Management: Technical Assistance 2013-2015	Technical/Engineering Assistance	Local Fund	Livestock Management-WCTSA Engineering Match 2013-2015	\$4,375.00	\$9,358.96	1/31/2017	Y
Pine Island Ag Waste	Livestock Waste Management	Current State Grant	2013 - Livestock Waste Management Grant - Todd (SWCD)	\$0.00			N
Pine Island Ag Waste	Livestock Waste Management	Landowner Fund	2013 Livestock Management-- Landowner Bryniarski Match	\$0.00			Y
Pine Island Ag Waste	Livestock Waste Management	Other State funds not in eLINK	2013 AgBMP Loan Dollars	\$50,000.00			N
South Swan Ag Waste System	Livestock Waste Management	Current State Grant	2013 - Livestock Waste Management Grant - Todd (SWCD)	\$57,872.88	\$57,872.88	7/27/2015	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction	
						Date	Match
South Swan Ag Waste System	Livestock Waste Management	Landowner Fund	2013 Livestock Management-- Landowner Kunstleben Match	\$19,290.96	\$19,290.96	7/27/2015	Y
Wykeham Pond Closure	Livestock Waste Management	Other Funds	2012 - Feedlot - Todd (SWCD)	\$6,450.00	\$6,450.00	12/8/2016	N
Wykeham Pond Closure	Livestock Waste Management	Other Funds	Landowner	\$2,150.00			Y

Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
312 - Waste Management System	1	1	99 COUNT	99 COUNT
362 - Diversion	984	0	984 LINEAR FEET	984 LINEAR FEET
393 - Filter Strip	2	2	2 COUNT	2 COUNT
360 - Closure of Waste Impoundments	1	2	1 COUNT	1 COUNT
393 - Filter Strip	328	0	328 LINEAR FEET	328 LINEAR FEET
393 - Filter Strip	1,233	0	1233 LINEAR FEET	1233 LINEAR FEET
312 - Waste Management System	1	3	499 COUNT	499 COUNT
393 - Filter Strip	2	0	1.8 AC	1.8 AC
393 - Filter Strip	400	0	400 LINEAR FEET	400 LINEAR FEET
412 - Grassed Waterway and Swales	213	0	213 LINEAR FEET	213 LINEAR FEET
393 - Filter Strip	1,209	0	1596 LINEAR FEET	1209 LINEAR FEET
312 - Waste Management System	1	1	85 COUNT	85 COUNT
312 - Waste Management System	1	2	0.23 AC	0.23 AC
558 - Roof Runoff Management	255	0	255 LINEAR FEET	255 LINEAR FEET
362 - Diversion	109	0	109 LINEAR FEET	109 LINEAR FEET

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
533 - Pumping Plant	1	0	1 COUNT	1 COUNT

Proposed Activity Indicators

Activity Name	Indicator Name	Value & Units	Waterbody	Calculation Tool	Comments
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Final Indicators Summary

Indicator Name	Total Value	Unit
BOD 5	967.00	LBS/YR
PATHOGENS (E. COLI)	411,400,000,000,000.00	CFU
PHOSPHORUS (EST. REDUCTION)	43.00	LBS/YR
NITROGEN	127.00	LBS/YR
PHOSPHORUS FEEDLOT (EST. REDUCTION)	32.00	LBS/YR

Grant Activity

Grant Activity - Bartlett Township 2 vegetated filters			
Description	For this project we will be partnering with NRCS to complete a CNMP and 2 vegetative filterstrips. NRCS will also be doing an ag waste pond abandonment.		
Category	LIVESTOCK WASTE MANAGEMENT		
Start Date	3-Oct-13	End Date	26-Dec-13
Has Rates and Hours?	No		
Actual Results	Two vegetated filters were constructed one for each feedlot. Roof runoff was also a component of the project. Pond abandonment was funded through Equip, as was a portion of the project.		

Activity Action - Lance quam VTA's			
Practice	393 - Filter Strip	Count of Activities	2
Description	2 vta's constructed one for each feedlot to address feedlot runoff.		
Proposed Size / Units	2.00 COUNT	Lifespan	10 Years
Actual Size/Units	2.00 COUNT	Installed Date	2-Jan-14
Mapped Activities	2 Polygon(s)		

Final Indicator for Lance quam VTA's			
Indicator Name	PHOSPHORUS FEEDLOT (EST. REDUCTION)	Value	32
Indicator Subcategory/Units	MinnFARM LBS/YR	Calculation Tool	MINNFARM
Waterbody	Partridge River		
Final Indicator for Lance quam VTA's			
Indicator Name	BOD 5	Value	379
Indicator Subcategory/Units	MinnFARM LBS/YR	Calculation Tool	MINNFARM
Waterbody	Partridge River		
Final Indicator for Lance quam VTA's			
Indicator Name	BOD 5	Value	81
Indicator Subcategory/Units	MinnFARM LBS/YR	Calculation Tool	MINNFARM
Waterbody	Partridge River		

Activity Action - lance Quam critical area seeding			
Practice	393 - Filter Strip	Count of Activities	2
Description	Seeding for the VTA's and seeding on diversion side slopes and top.		
Proposed Size / Units	1.80 AC	Lifespan	10 Years
Actual Size/Units	1.80 AC	Installed Date	2-Jan-14
Mapped Activities	No		

Activity Action - Lance quam roof runoff			
Practice	558 - Roof Runoff Management	Count of Activities	255
Description	Rain gutters and down spouts to address runoff onto feedlots		
Proposed Size / Units	255.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	255.00 LINEAR FEET	Installed Date	2-Jan-14
Mapped Activities	No		

Activity Action - Lance Quam diversions			
Practice	362 - Diversion	Count of Activities	984
Description	Earthen diversions around VTA's to eliminate clean water from filters and route feedlot runoff into containment area.		
Proposed Size / Units	984.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	984.00 LINEAR FEET	Installed Date	2-Jan-14
Mapped Activities	No		

Activity Action - Lance Quam grassed waterway			
Practice	412 - Grassed Waterway and Swales	Count of Activities	213
Description	Grassed waterway for the south vta to route clean water around vta		
Proposed Size / Units	213.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	213.00 LINEAR FEET	Installed Date	2-Jan-14
Mapped Activities	No		

Activity Action - Lance Quam concrete curb			
Practice	362 - Diversion	Count of Activities	109
Description	Concrete curb along scrape lane and containment area.		
Proposed Size / Units	109.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	109.00 LINEAR FEET	Installed Date	2-Jan-14
Mapped Activities	No		

Activity Action - Lance Quam Special purpose fence			
Practice	393 - Filter Strip	Count of Activities	1,209
Description	Special purpose fence to separate pasture/lot from VTA's		
Proposed Size / Units	1,596.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	1,209.00 LINEAR FEET	Installed Date	2-Jan-14
Mapped Activities	No		

Activity Action - Lance quam Pipeline			
Practice	393 - Filter Strip	Count of Activities	328
Description	Pipeline to facilitate pumping feedlot runoff from pump plant tp dousing pipe on north VTA		
Proposed Size / Units	328.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	328.00 LINEAR FEET	Installed Date	2-Jan-14
Mapped Activities	No		

Activity Action - Lance Quam pumping plant			
Practice	533 - Pumping Plant	Count of Activities	1
Description	Sump pump and concrete sump tank to facilitate feedlot water on North VTA to dousing pipe above the VTA		
Proposed Size / Units	1.00 COUNT	Lifespan	10 Years
Actual Size/Units	1.00 COUNT	Installed Date	2-Jan-14
Mapped Activities	No		

Activity Action - Lance Quam subsurface drain			
Practice	393 - Filter Strip	Count of Activities	1,233
Description	Subsurface drain to address water separation on VTA's		
Proposed Size / Units	1,233.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	1,233.00 LINEAR FEET	Installed Date	2-Jan-14
Mapped Activities	No		

Activity Action - Lance Quam Silt Fence			
Practice	393 - Filter Strip	Count of Activities	400
Description	silt fence to prevent erosion and sedimentation of excavated area to drainway		
Proposed Size / Units	400.00 LINEAR FEET	Lifespan	1 Year
Actual Size/Units	400.00 LINEAR FEET	Installed Date	2-Jan-14
Mapped Activities	No		

Grant Activity - Birchdale Ag Waste Facility			
Description	Birchdale Ag Waste Facility is an engineered feedlot fix designed to reduce water quality impact through a variety of practices including a stacking slab, vegetative filters, and water runoff control.		
Category	LIVESTOCK WASTE MANAGEMENT		
Start Date	9-Jun-16	End Date	12-Oct-16
Has Rates and Hours?	No		
Actual Results	10/13/16: Cost Share contract #5-13LM was cancelled. Landowner's project cost less than encumbered for. Landowner only utilized FY12-14 Feedlot Assistance funds Project was installed as intended but costs were less. Funds not spent were allocated to another project.		

Activity Action - Brichdale waste management system			
Practice	312 - Waste Management System	Count of Activities	1
Description	0.23 acre feedlot was redesigned to control and contain runoff.		
Proposed Size / Units	0.23 AC	Lifespan	10 Years
Actual Size/Units	0.23 AC	Installed Date	12-Oct-16
Mapped Activities	2 Point(s)		

Final Indicator for Brichdale waste management system			
Indicator Name	NITROGEN	Value	37
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	MINNFARM
Waterbody	Big Birch lake		
Final Indicator for Brichdale waste management system			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	13
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	MINNFARM

Waterbody	Big Birch Lake		
Final Indicator for Brichdale waste management system			
Indicator Name	PATHOGENS (E. COLI)	Value	4.1E+14
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) CFU	Calculation Tool	MINNFARM
Waterbody	Big Birch Lake		
Final Indicator for Brichdale waste management system			
Indicator Name	BOD 5	Value	147
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	MINNFARM
Waterbody	Big Birch Lake		

Grant Activity - Bruce Township Ag Waste			
Description	Bruce Township Ag Waste is a large engineered feedlot fix involving a waste storage, vegetative filter strips and rock spreaders for overflow, site prep., and a roof structure over the manure storage installed at the owners expense.		
Category	LIVESTOCK WASTE MANAGEMENT		
Start Date		End Date	21-Oct-16
Has Rates and Hours?	No		
Actual Results	<p>10/13/16-The board of supervisors approved encumbering additional funds for project, so landowner would receive additional funds. This was possible as a previous contact for a different project cost less. The board of Supervisors also approved payment pending certification of all components of the project.</p> <p>The last certification for the project was received on 10/21/16. The landowner also received an additional invoice for the last certification. The landowner is asking for 2nd amendment to his contract for additional funds, to assist in the expense on the certification invoice. (Amendment for additional funds will be taken to the December board meeting)</p>		

Activity Action - Bruce Twp Feedlot Fix			
Practice	312 - Waste Management System	Count of Activities	1
Description	count = animal units		
Proposed Size / Units	85.00 COUNT	Lifespan	10 Years
Actual Size/Units	85.00 COUNT	Installed Date	21-Oct-16
Mapped Activities	1 Point(s)		

Final Indicator for Bruce Twp Feedlot Fix

Indicator Name	BOD 5	Value	343
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	MINNFARM
Waterbody	Little Swan River		

Final Indicator for Bruce Twp Feedlot Fix

Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	29
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	MINNFARM
Waterbody	Little Swan River		

Final Indicator for Bruce Twp Feedlot Fix

Indicator Name	NITROGEN	Value	86
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	MINNFARM
Waterbody	Little Swan River		

Final Indicator for Bruce Twp Feedlot Fix

Indicator Name	PATHOGENS (E. COLI)	Value	1400000000000
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) CFU	Calculation Tool	MINNFARM
Waterbody	Little Swan River		

Grant Activity - Funds to be Encumbered for C/S

Description	Funds to be Encumbered for C/S		
Category	AGRICULTURAL PRACTICES		
Start Date		End Date	
Has Rates and Hours?	No		
Actual Results			

Grant Activity - Livestock Management: Administration 2013-2015

Description	Office Coordinator (Sarah Katterhagen) & Resource Conservationist (Amy Warnberg) will be responsible for all reporting, tracking grant funds, bringing cost share contracts to the board for approval & payment, updating the grant website and day to day grant management.		
Category	ADMINISTRATION/COORDINATION		
Start Date		End Date	
Has Rates and Hours?	No		
Actual Results	<p>1st Report: Sept. 30, 2013: Sarah Katterhagen updated SWCD website, reported and tracked grant hours and prepared 2 CS contracts to take to SWCD Board.</p> <p>2nd Report: Dec. 31, 2013: Sarah tracked all grant hours and expenditures.</p> <p>3rd Report: June 30, 2014: Sarah completed payment on cost share contact and was in contact with cost share applicant to make sure the landowner is getting his bids.</p> <p>4th Report: December 31, 2014: Sarah, Program Coordinator completed cost share contract and prepared for board meeting.</p> <p>5th Report: June 30, 2015: Sarah Katterhagen, Program Coordinator prepared items for July SWCD board meeting, as a project will be completed and paid in July.</p> <p>6th Report: Jan 17, 2017: Five projects were processed through the SWCD by Program Coordinator with Director and Supervisor review. Also payments were processed after each project was approved.</p>		

Grant Activity - Livestock Management: Project Development 2013-2015

Description	Resource Conservationists (Greg Ostrowski, Ed Uhlenkamp & Amy Warnberg) will be responsible for initial contact with landowners, doing site assessments, helping survey sites & working with landowners to finalize engineered plans. WCTSA Engineers (Ross & Luke) will be responsible for site surveys, preliminary site designs and final plans.		
Category	PROJECT DEVELOPMENT		
Start Date		End Date	
Has Rates and Hours?	No		
Actual Results	<p>1st Report: Sept. 30, 2013: WCTSA Engineers Surveyed and completed 2 final designs for projects. SWCD Technicians (Ed & Greg) worked with 2 landowners to get 2 CS contracts signed.</p> <p>2nd Report: December 31, 2013: SWCD Technicians (Ed) worked with landowners to further plans and work towards starting construction in 2014.</p> <p>3rd Report: June 30, 2014: SWCD Technician (Greg Ostrowsk) and WCTSA worked on developing and reviewing plans with two landowners. They included surveying the sites.</p> <p>4th Report: December 31, 2014: Todd SWCD received an invoice from WCTSA for project development for two cost share contracts and landowners they are working with to design plans for their Ag Waste Fixes. Soil and Water's Conservation Technician, Greg Ostrowski worked with landowners reviewing their plans.</p> <p>5th Report: Deja Anton, worked with two landowners with preparing bid packets, and following up with the landowners to make sure they are getting their bids for the projects.</p> <p>6th Report: Deja Anton worked with at least 5 landowners to prepare bid packets.</p>		

Grant Activity - Livestock Management: Technical Assistance 2013-2015

Description	Resource Conservationists (Greg Ostrowski, Ed Uhlenkamp & Amy Warnberg) along with WCTSA Engineers (Ross & Luke) will be responsible for construction oversight, inspections, certifications and any approval of any on site plan change approval.		
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date		End Date	
Has Rates and Hours?	No		
Actual Results	<p>1st Report: Sept. 30, 2013 SWCD Technician (Greg) worked with landowner during the construction process (Quam).</p> <p>2nd Report: December 31, 2013: SWCD Technician (Greg) & WCTSA Staff (Ross & Luke) worked with landowner during construction for oversight and inspection.</p> <p>3rd Report: This report reflects payment to WCTSA for completing final inspection on project, and their match hours.</p> <p>4th Report: December 31, 2014: No funds were spent during this period, as landowners were still in the planning stages of their project. Construction will be during the 2015 Construction season, as this grant's deadline is December 31, 2015.</p> <p>5th Report: Jan. 13, 2017: Remaining TA funds were spent implementing 5 projects. \$6000 was used by WCTSA staff. All project funds were expended prior to the extended deadline.</p>		

Grant Activity - Pine Island Ag Waste			
Description	WCTSA Engineers will do the project survey and design for an ag waste storage system, open lot buffers and fencing.		
Category	LIVESTOCK WASTE MANAGEMENT		
Start Date		End Date	14-Aug-14
Has Rates and Hours?	No		
Actual Results	<p>June 13, 2013 Todd Soil and Water Board of Supervisors approved cost share contract in the amount of \$80,000.00 for the Ag Waste practice.</p> <p>July 22, 2014 Todd Soil and Water sent a letter to landowner questioning the status of his cost share contract, and prior to this date staff have been leaving messages for landowner to call the office back.</p> <p>August 12, 2014 Todd Soil and Water received a letter from the landowner stating he will not be accepting the \$80,000.00 in cost share dollars and we can release the funds to someone else.</p> <p>August 14, 2014 Todd Soil and Water Board of Supervisor's accepted landowner's request to cancel his cost share contract, and sent a letter or cancellation to the landowner.</p> <p>September 17, 2014 Todd Soil and Water sent letter to BWSR requesting to move these funds to the next high priority site on the list</p> <p>September 25, 2014 Todd Soil and Water received an e-mail from BWSR stating it's a go.</p> <p>October 9, 2014 These funds were reallocated to another site at the Board of Supervisors meeting.</p>		

Grant Activity - South Swan Ag Waste System	
Description	WCTSA Engineers will work on the site survey and design for an ag waste system.
Category	LIVESTOCK WASTE MANAGEMENT
Start Date	End Date
Has Rates and Hours?	No
Actual Results	4/9/15: Soil and Water board reviewed the bids and cost share application at their regular board meeting. Costs came in costing less then predicted. The new amount for the landowner is \$56,514.00 (75%) for the project.

Activity Action - south swan ag waste			
Practice	312 - Waste Management System	Count of Activities	1
Description	built to handle up to 99 animal units		
Proposed Size / Units	99.00 COUNT	Lifespan	10 Years
Actual Size/Units	99.00 COUNT	Installed Date	30-Jun-16
Mapped Activities	1 Point(s)		

Final Indicator for south swan ag waste			
Indicator Name	NITROGEN	Value	4
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	MINNFARM
Waterbody	Swankee Creek		
Final Indicator for south swan ag waste			
Indicator Name	BOD 5	Value	17
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	MINNFARM
Waterbody	Swankee Creek		
Final Indicator for south swan ag waste			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	1
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	MINNFARM
Waterbody	Swankee Creek		

Grant Attachments

Document Name	Document Type	Description
2013 Financial Statement	Grant	2013 - Livestock Waste Management Grant - Todd (SWCD)

Document Name	Document Type	Description
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/20/2017
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 07/17/2014
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 12/11/2014
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/29/2014
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/30/2014
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/20/2017
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/14/2017
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/20/2016
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/19/2016
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 08/11/2015
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 08/07/2015
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/05/2015
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/09/2015
Amendment	Grant	2013 - Livestock Waste Management Grant - Todd (SWCD)
During Construction on Ag Waste Project	Grant	2013 - Livestock Waste Management Grant - Todd (SWCD)
Financial Account Activity Log	Grant	2013 - Livestock Waste Management Grant - Todd (SWCD)
Knustleben.pdf	Grant	2013 - Livestock Waste Management Grant - Todd (SWCD)
Lance.pdf	Grant	2013 - Livestock Waste Management Grant - Todd (SWCD)
Project 1	Grant	2013 - Livestock Waste Management Grant - Todd (SWCD)
Robert.pdf	Grant	2013 - Livestock Waste Management Grant - Todd (SWCD)
grant_app_general-added.rpt	Grant	2013 - Livestock Waste Management Grant - Todd (SWCD)