



Grant All-Detail Report

2013 - Livestock Waste Management Grant

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

Grant ID - C13-2043

Organization - Wabasha SWCD

Grant Awarded Amount	\$387,684.00	Grant Execution Date	
Required Match Amount	\$96,921.00	Grant End Date	1/1/2020
Required Match %	25%	Grant Day To Day Contact	Terri Peters

Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$387,684.00	\$387,684.00	\$0.00
Total Match Amount	\$167,116.67	\$167,116.67	\$0.00
Total Other Funds	\$0.00	\$0.00	\$0.00
Total	\$554,800.67	\$554,800.67	\$0.00

**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	Matching Fund
2013 Grant Administration - Feedlots - CWF Grant	Administration /Coordination	Current State Grant	2013 - Livestock Waste Management Grant - Wabasha (SWCD)	\$5,298.52	\$5,298.52	7/31/2017	N
2013 Technical & Engineering Assistance - Feedlots - CWF Grant	Technical/Engineering Assistance	Current State Grant	2013 - Livestock Waste Management Grant - Wabasha (SWCD)	\$9,826.48	\$9,826.48	8/31/2017	N
Don Borgschatz	Livestock Waste Management	Current State Grant	2013 - Livestock Waste Management Grant - Wabasha (SWCD)	\$243,681.00	\$243,681.00	12/18/2015	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Don Borgschatz	Livestock Waste Management	Landowner Fund	Landowner In-Kind Match	\$119,641.23	\$119,641.23	12/18/2015	Y
Kevin Gunhus	Livestock Waste Management	Current State Grant	2013 - Livestock Waste Management Grant - Wabasha (SWCD)	\$0.00			N
Kevin Gunhus	Livestock Waste Management	Landowner Fund	Landowner In-Kind Match	\$0.00			Y
Paul Kruger	Livestock Waste Management	Current State Grant	2013 - Livestock Waste Management Grant - Wabasha (SWCD)	\$128,878.00	\$128,878.00	8/22/2017	N
Paul Kruger	Livestock Waste Management	Landowner Fund	Landowner In-Kind Match	\$47,475.44	\$47,475.44	8/31/2017	Y

Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
391M - Feedlot Relocation/Retirement	1	1	1 COUNT	1 COUNT
313 - Waste Storage Facility	0	0	1 COUNT	0 COUNT
313 - Waste Storage Facility	2	1	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
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BOD 5	2,170.00	LBS/YR
FECAL COLIFORM	6,920,000,000,000,000.0	CFU/YR
	0	
COD	9,763.00	LBS/YR
NITROGEN	542.00	LBS/YR
PHOSPHORUS FEEDLOT (EST. REDUCTION)	184.00	LBS/YR

Grant Activity

Grant Activity - 2013 Grant Administration - Feedlots - CWF Grant

Description	Grant administration of the CWF Feedlot grant will be completed by the district manager, Jennifer George. All paperwork and reporting is completed by the district manager. Check writing, bookkeeping records, and minutes are completed by the administrative asst, Terri Peters, at this time.		
Category	ADMINISTRATION/COORDINATION		
Start Date	21-Feb-13	End Date	31-Aug-17
Has Rates and Hours?	No		
Actual Results	As of the end of 12/31/15 administrative and coordination time has been spent on reporting, program tracking, accounting, contracts and amendments, as well as communications with the landowners, BWSR, MPCA, and the SWCD Board. The District Manager has utilized time in this category. In 2016 the District Manager spent time on verification of grant funds spent for first 50% of funds and reporting activities 55 hours @ \$63.59/hr. = \$3,497.45. In 2017 the District Manager spent time on reporting for the grant fund, communications with BWSR, landowner & payment voucher with verification of documents. 0.5 hrs. @ \$57.66 = \$28.83 and 2.25 hrs. @ \$58.96 = 132.66.		

Grant Activity - 2013 Technical & Engineering Assistance - Feedlots - CWF Grant

Description	Technical and Engineering will be completed through the JPB Engineers, Kate Bruss and Pete Fryer, with assistance by Wabasha SWCD, either/or Matt Kruger, the engineering tech, or the new feedlot tech assistant, yet to be hired. This will also be in conjunction with the county feedlot officer, who currently is Kevin Krause, for permitting and registration. Pete or Kate will review the bills, once the project is complete, along with a review from the district manager, to verify everything is in order prior to completing the voucher and making the payment. NRCS specs will be followed, along with following policy within the BWSR grant manual.		
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date	21-Feb-13	End Date	31-Aug-17
Has Rates and Hours?	No		
Actual Results	District Technicians from the SWCD office, mainly Matt Kruger, have worked with the area engineers on planning and design and have worked with the landowners on the same. Borgschatz was designed by a private engineer and techs worked to get the plan information from the engineer and acted as a liaison between landowner, engineers and the District office to work towards plan completions. In 2016 the Lead District Tech spent 82.5 hrs @ \$51.10/hr. = \$4,215.75 working with landowners on projects and assisting the area techs with survey and design. The District Tech spent 1 hr. @ \$39.70 onsite with the lead technician assisting with project. In 2017 the District Manager spent 19 hours of technical time @ \$53.44 communicating with JPB engineers and landowner to meet build standards, onsite visits, as-built with engineer, and providing O&M information. \$895.48 charged to program and remainder to Local Water Management. District technicians spent 12 hrs @ \$45.37 = \$544.45, 8 hrs. @ \$40.34 = \$403.60 and 1@ \$42.60 = \$42.60 in working with landowner on contract requirements, MPCA permitting assistance, and on site assistance.		

Grant Activity - Don Borgschatz

Description	Feedlot registration # is 157-95448, under Edward Zabel. The new registration will take place early 2013 and this will be re-registered under Don Borgschatz. There isn't an OLA available in the file, at this time. We will be checking with MPCA to make sure we either/or have him register immediately, prior to the bulk registration mailing, wait for the bulk registration mailing, and/or start an interim permit. Regardless, the proper paperwork will be in place to coincide with the start and/or completion of the project. (see attached email) Also, attached is the Ed Zabel Delta registration form.		
Category	LIVESTOCK WASTE MANAGEMENT		
Start Date	19-Jun-13	End Date	18-Dec-15
Has Rates and Hours?	No		
Actual Results	Waste Storage Facility WSF Total Capacity of 1,547,907 gallons. Subsurface drain-453 LF around pond floor. Critical Area Planting-2.8 acres of introduced grass seeding. Mulching-Hay or Straw-2.8 acres. Safety fence around WSF-630 LF. Outdoor feedlots were abandoned and the malfunctioning "storage area" is no longer there to discharge to waters of the state. Annual reductions of feedlot loading are as follows: COD-2865 lbs, Phosphorous-54 lbs, Nitrogen-159 lbs., Fecal Coliform - 2.7E+15 cfu, BOD-637 lbs.		

Activity Action - Don Borgschatz

Practice	313 - Waste Storage Facility	Count of Activities	1
Description	Installation of a Waste Storage Facility		
Proposed Size / Units	1.00 COUNT	Lifespan	10 Years
Actual Size/Units	1.00 COUNT	Installed Date	18-Nov-15
Mapped Activities	1 Point(s)		

Final Indicator for Don Borgschatz

Indicator Name	BOD 5	Value	637
Indicator Subcategory/Units	MinnFARM LBS/YR	Calculation Tool	MINNFARM
Waterbody	Dry Creek		

Final Indicator for Don Borgschatz

Indicator Name	FECAL COLIFORM	Value	2720000000000000
Indicator Subcategory/Units	MinnFARM CFU/YR	Calculation Tool	MINNFARM
Waterbody	Dry Creek		

Final Indicator for Don Borgschatz

Indicator Name	COD	Value	2865
Indicator Subcategory/Units	MinnFARM LBS/YR	Calculation Tool	MINNFARM
Waterbody	Dry Creek		

Final Indicator for Don Borgschatz			
Indicator Name	PHOSPHORUS FEEDLOT (EST. REDUCTION)	Value	54
Indicator Subcategory/Units	MinnFARM LBS/YR	Calculation Tool	MINNFARM
Waterbody	Dry Creek		
Final Indicator for Don Borgschatz			
Indicator Name	NITROGEN	Value	159
Indicator Subcategory/Units	MinnFARM LBS/YR	Calculation Tool	MINNFARM
Waterbody	Dry Creek		

Activity Action - Borgschatz Feedlot Retirement			
Practice	391M - Feedlot Relocation/Retirement	Count of Activities	1
Description	Concrete curb installed to redirect cattle to stay under roof and out of abandoned feedlot so water can run through without getting dirty		
Proposed Size / Units	1.00 COUNT	Lifespan	In Perpetuity
Actual Size/Units	1.00 COUNT	Installed Date	18-Nov-15
Mapped Activities	1 Point(s)		

Grant Activity - Kevin Gunhus	
Description	Kevin Gunhus feedlot registration #157-86931
Category	LIVESTOCK WASTE MANAGEMENT
Start Date	25-Jun-13
End Date	
Has Rates and Hours?	No
Actual Results	District staff made several attempts to ensure project completion. 3 separate amendments to the contract were made to extend the completion date and increase funds, as well as add a 319 contract to reduce landowner cost. Grant extensions were requested from BWSR and given. In the end the landowner was unable to secure financing to cover the match portion and cancelled the project. BWSR allowed funds to be re-encumbered for another project.

Activity Action - Kevin Gunhus			
Practice	313 - Waste Storage Facility	Count of Activities	0
Description			
Proposed Size / Units	1.00 COUNT	Lifespan	10 Years
Actual Size/Units	0.00 COUNT	Installed Date	
Mapped Activities	No		

Grant Activity - Paul Kruger			
Description	Paul Kruger Feedlot Registration #157-86831 6 month storage. Total volume 841,749 gallons		
Category	LIVESTOCK WASTE MANAGEMENT		
Start Date	27-Sep-16	End Date	22-Aug-17
Has Rates and Hours?	No		
Actual Results	Paul Kruger had his 6 month storage, 841,749 gallons manure storage system completed on 8/22/2017 and was paid on 8/28/2017.		

Activity Action - Livestock Waste Management			
Practice	313 - Waste Storage Facility	Count of Activities	1
Description	Manure storage facility		
Proposed Size / Units	1.00 COUNT	Lifespan	10 Years
Actual Size/Units	1.00 COUNT	Installed Date	22-Aug-17
Mapped Activities	1 Point(s)		

Final Indicator for Livestock Waste Management			
Indicator Name	FECAL COLIFORM	Value	4200000000000000
Indicator Subcategory/Units	MinnFARM CFU/YR	Calculation Tool	MINNFARM
Waterbody	Zumbro River		
Final Indicator for Livestock Waste Management			
Indicator Name	PHOSPHORUS FEEDLOT (EST. REDUCTION)	Value	130
Indicator Subcategory/Units	MinnFARM LBS/YR	Calculation Tool	MINNFARM
Waterbody	Zumbro River		
Final Indicator for Livestock Waste Management			
Indicator Name	BOD 5	Value	1533
Indicator Subcategory/Units	MinnFARM LBS/YR	Calculation Tool	MINNFARM

Waterbody	Zumbro River		
Final Indicator for Livestock Waste Management			
Indicator Name	COD	Value	6898
Indicator Subcategory/Units	MinnFARM LBS/YR	Calculation Tool	MINNFARM
Waterbody	Zumbro River		
Final Indicator for Livestock Waste Management			
Indicator Name	NITROGEN	Value	383
Indicator Subcategory/Units	MinnFARM LBS/YR	Calculation Tool	MINNFARM
Waterbody	Zumbro River		

Grant Attachments

Document Name	Document Type	Description
40% Payment Authorization	Grant	2013 - Livestock Waste Management Grant - Wabasha (SWCD)
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/03/2014
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 11/30/2017
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 11/30/2017
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 11/06/2017
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 11/03/2017
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/01/2017
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/17/2017
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 09/27/2016
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 04/27/2016
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 03/02/2016
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/28/2016
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/02/2015
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/30/2015
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 09/17/2014
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 09/15/2014
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/05/2014
Amendment	Grant	2013 - Livestock Waste Management Grant - Wabasha (SWCD)
Amendment	Grant	2013 - Livestock Waste Management Grant - Wabasha (SWCD)
Amendment	Grant	2013 - Livestock Waste Management Grant - Wabasha (SWCD)
Amendment	Grant	2013 - Livestock Waste Management Grant - Wabasha (SWCD)

Document Name	Document Type	Description
Borgschatz Contract	Grant	2013 - Livestock Waste Management Grant - Wabasha (SWCD)
Borgschatz_Email.pdf	Grant	2013 - Livestock Waste Management Grant - Wabasha (SWCD)
Ed Zabel Delta.pdf	Grant	2013 - Livestock Waste Management Grant - Wabasha (SWCD)
Extension Request	Grant	2013 - Livestock Waste Management Grant - Wabasha (SWCD)
Final Financial Report	Grant	2013 - Livestock Waste Management Grant - Wabasha (SWCD)
Final Payment Authorization	Grant	2013 - Livestock Waste Management Grant - Wabasha (SWCD)
Financial Report for End 2015	Grant	2013 - Livestock Waste Management Grant - Wabasha (SWCD)
GA	Grant	2013 - Livestock Waste Management Grant - Wabasha (SWCD)
Gunhus Amendment #3	Grant	2013 - Livestock Waste Management Grant - Wabasha (SWCD)
Gunhus Contract	Grant	2013 - Livestock Waste Management Grant - Wabasha (SWCD)
Gunhus_OLA.pdf	Grant	2013 - Livestock Waste Management Grant - Wabasha (SWCD)
Kevin GunhusDelta.pdf	Grant	2013 - Livestock Waste Management Grant - Wabasha (SWCD)
Kruger Seeding & Mulch specs and tags	Grant	2013 - Livestock Waste Management Grant - Wabasha (SWCD)
Kruger-Receipts	Grant	2013 - Livestock Waste Management Grant - Wabasha (SWCD)
Paul Kruger Contract	Grant	2013 - Livestock Waste Management Grant - Wabasha (SWCD)
Signed Borgschatz	Grant	2013 - Livestock Waste Management Grant - Wabasha (SWCD)
Signed Contract	Grant	2013 - Livestock Waste Management Grant - Wabasha (SWCD)
Signed Contract	Grant	2013 - Livestock Waste Management Grant - Wabasha (SWCD)
Signed Gunhus	Grant	2013 - Livestock Waste Management Grant - Wabasha (SWCD)
Un Executed Amendment (Extension)	Grant	2013 - Livestock Waste Management Grant - Wabasha (SWCD)
alternatives_analysis.pdf	Grant	2013 - Livestock Waste Management Grant - Wabasha (SWCD)
grant_app_general-added.rpt	Grant	2013 - Livestock Waste Management Grant - Wabasha (SWCD)