



## Grant All-Detail Report Accelerated Implementation Grant 2017

**Grant Title** - Soil Investigations for Liquid Manure Storage Areas in Hydrologically Vulnerable Townships in Douglas County

**Grant ID** - C17-5813

**Organization** - Douglas SWCD

<b>Grant Awarded Amount</b>	<b>\$93,000.00</b>	<b>Grant Execution Date</b>	<b>3/14/2017</b>
<b>Required Match Amount</b>	\$23,250.00	<b>Grant End Date</b>	12/31/2019
<b>Required Match %</b>	25%	<b>Grant Day To Day Contact</b>	Jerome Haggemiller

### Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$93,000.00	\$0.00	\$93,000.00
Total Match Amount	\$23,250.00	\$0.00	\$23,250.00
Total Other Funds	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$116,250.00</b>	<b>\$0.00</b>	<b>\$116,250.00</b>

\*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
Project Administration, Tracking, Reporting	Administration /Coordination	Local Fund	SWCD In-Kind	\$5,000.00			Y
Project Development	Project Development	Local Fund	SWCD, Douglas County Land and Resource Staff	\$18,250.00			Y

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Match
Technical/Engineering Assistance Tier #1	Technical/Engineering Assistance	Current State Grant	Soil Investigations for Liquid Manure Storage Areas in Hydro..	\$56,500.00			N
Technical/Engineering Assistance Tier #2	Technical/Engineering Assistance	Current State Grant	Soil Investigations for Liquid Manure Storage Areas in Hydro..	\$36,500.00			N

### Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
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### 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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### Grant Activity

Grant Activity - Project Administration, Tracking, Reporting			
Description	Douglas SWCD will act as project administrator. Project activities and expenses will be tracked, payments processed, and reporting according to CWF.		
Category	ADMINISTRATION/COORDINATION		
Start Date	3-Mar-17	End Date	31-Dec-19
Has Rates and Hours?	Yes		
Actual Results			

Grant Activity - Project Development			
Description	Project development activities implemented by Douglas County Feedlot Officer, Douglas County Assistant Director, Douglas SWCD (staff). PRE-BORING: Process includes aerial image inspection, manure site history, manure site soils, and pit design on file. Staff will meet on-site with owner to discuss manure pit history and future plans. If needed, TSA will attend primary field site meeting. POST-BORING: Staff will discuss results with landowner and provide technical and financial option information.		
Category	PROJECT DEVELOPMENT		
Start Date	3-Mar-17	End Date	31-Dec-19
Has Rates and Hours?	Yes		
Actual Results			

Grant Activity - Technical/Engineering Assistance Tier #1			
Description	Technical Engineer: West Central Technical Service Area (WCTSA) Tier #1: Active registered Douglas County feedlots that want to permit an existing liquid manure storage area. WCTSA will perform soil investigations to determine if LMSA meets 7020 technical standards. Deliverables include soil borings, certified results, draft report including site map, evaluation of LMSA condition, soil maps, boring logs, and any findings. 5-7 sites / year		
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date	3-Mar-17	End Date	30-Jun-18
Has Rates and Hours?	No		
Actual Results			

## Grant Activity - Technical/Engineering Assistance Tier #2

<b>Description</b>	Technical Engineer: West Central Technical Service Area (WCTSA) Tier #2: Douglas County feedlots with liquid manure storage areas in the priority townships (Ida, Millerville, Leaf Valley). WCTSA will perform soil investigations to determine if LMSA meets 7020 technical standards. Deliverables include soil borings, certified results, draft report including site map, evaluation of LMSA condition, soil maps, boring logs, and any findings.		
<b>Category</b>	TECHNICAL/ENGINEERING ASSISTANCE		
<b>Start Date</b>	1-Jul-18	<b>End Date</b>	31-Dec-18
<b>Has Rates and Hours?</b>	No		
<b>Actual Results</b>			

## Grant Attachments

Document Name	Document Type	Description
<b>2017 Competitive Grant</b>	Grant Agreement	2017 Competitive Grant - Douglas SWCD
<b>2017 Competitive Grant executed</b>	Grant Agreement	2017 Competitive Grant - Douglas SWCD
<b>Application</b>	Workflow Generated	Workflow Generated - Application - 08/08/2016
<b>BC Comments</b>	Journal	Journal Dated - 02/28/2017
<b>MDA- Douglas County Township Nitrate-Nitrogen Testing Program</b>	Grant	Soil Investigations for Liquid Manure Storage Areas in Hydrologically Vulnerable Townships in Douglas County
<b>Manure Storage Area Map</b>	Grant	Soil Investigations for Liquid Manure Storage Areas in Hydrologically Vulnerable Townships in Douglas County
<b>Work Plan</b>	Workflow Generated	Workflow Generated - Work Plan - 12/14/2016
<b>Work Plan</b>	Workflow Generated	Workflow Generated - Work Plan - 02/28/2017
<b>grantmap_17052_2016-08-08_12-01-45-PM.jpg</b>	Grant	Soil Investigations for Liquid Manure Storage Areas in Hydrologically Vulnerable Townships in Douglas County