



Grant All-Detail Report Shoreland-NRBG 2015

Grant Title - 2015 - Shoreland-NRBG (Houston County)

Grant ID - P15-4783

Organization - Houston County

Grant Awarded Amount **\$2,725.00**
Required Match Amount **\$2,725.00**
Required Match % **100%**

Grant Execution Date **12/31/2016**
Grant End Date **Holly Felten**
Grant Day To Day Contact

Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$2,725.00	\$2,725.00	\$0.00
Total Match Amount	\$2,725.00	\$2,798.89	-\$73.89
Total Other Funds	\$0.00	\$0.00	\$0.00
Total	\$5,450.00	\$5,523.89	-\$73.89

*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
DNR Shorelands	Administration /Coordination	Current State Grant	2015 - Shoreland-NRBG (Houston County)	\$2,725.00	\$2,725.00	12/31/2015	N
DNR Shorelands	Administration /Coordination	Local Fund	2015 Shoreland Match	\$2,725.00	\$2,798.89	12/31/2015	Y

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 - DNR Shorelands	
Description	Administration of the State Shoreland Management Program by Houston County.
Category	ADMINISTRATION/COORDINATION
Start Date	1-Jan-15
End Date	31-Dec-15
Has Rates and Hours?	No
Actual Results	In 2015, Houston County Environmental Services administered shoreland regulations. The 2015 Annual Shoreland Ordinance Administrative Activities Report was completed by staff and submitted to DNR on 1/19/16. The report is attached.

Grant Attachments

Document Name	Document Type	Description
2015 NRBG Addendum	Grant Agreement	2015 Natural Resources Block Grant Addendum - Houston County
2015 NRBG Addendum executed	Grant Agreement	2015 Natural Resources Block Grant Addendum - Houston County
2015 Shoreland Financial Report	Grant	2015 - Shoreland-NRBG (Houston County)
2015 Shoreland Report	Grant	2015 - Shoreland-NRBG (Houston County)
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/19/2016
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/22/2016
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 04/07/2015



Grant All-Detail Report WCA-NRBG 2015

Grant Title - 2015 - Wetland Conservation Act - NRBG (Houston County)
 Grant ID - P15-3022
 Organization - Houston County

Grant Awarded Amount \$12,985.00
Required Match Amount \$12,985.00
Required Match % 100%

Grant Execution Date 12/31/2016
Grant End Date 12/31/2016
Grant Day To Day Contact Holly Felten

Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$12,985.00	\$12,985.00	\$0.00
Total Match Amount	\$12,985.00	\$13,520.88	-\$535.88
Total Other Funds	\$0.00	\$0.00	\$0.00
Total	\$25,970.00	\$26,505.88	-\$535.88

*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
WCA Administration	Administration /Coordination	Current State Grant	2015 - Wetland Conservation Act - NRBG (Houston County)	\$6,492.50	\$6,492.50	12/31/2015	N
WCA Administration	Administration /Coordination	Local Fund	2015 WCA Levy	\$2,135.00	\$2,135.00	12/31/2015	Y
WCA Administration	Administration /Coordination	Local Fund	2015 WCA Match - Houston County	\$2,409.75	\$2,597.31	12/31/2015	Y

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
WCA Technical Assistance	Technical/Engineering Assistance	Current State Grant	2015 - Wetland Conservation Act - NRBG (Houston County)	\$6,492.50	\$6,492.50	12/31/2015	N
WCA Technical Assistance	Technical/Engineering Assistance	Local Fund	2015 WCA Levy	\$3,965.00	\$3,965.00	12/31/2015	Y
WCA Technical Assistance	Technical/Engineering Assistance	Local Fund	2015 WCA Match - SWCD	\$4,475.25	\$4,823.57	12/31/2015	Y

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 - WCA Administration	
Description	WCA Administration
Category	ADMINISTRATION/COORDINATION
Start Date	1-Jan-15 End Date 31-Dec-15
Has Rates and Hours?	No
Actual Results	In 2015, Houston County Administered the WCA Program as per BWSR guidelines. Houston County submitted the WCA Annual Report to BWSR on 1-19-16. The report is attached.

Grant Activity - WCA Technical Assistance	
Description	WCA Technical Assistance
Category	TECHNICAL/ENGINEERING ASSISTANCE
Start Date	1-Jan-15 End Date 31-Dec-15
Has Rates and Hours?	No
Actual Results	In 2015, Houston County provided technical assistance to 44 landowners. 14 applications were approved. Houston County submitted the WCA Annual Report to BWSR on 1-19-16. The report is attached.

Grant Attachments

Document Name	Document Type	Description
2015 NRBG Addendum	Grant Agreement	2015 Natural Resources Block Grant Addendum - Houston County
2015 NRBG Addendum executed	Grant Agreement	2015 Natural Resources Block Grant Addendum - Houston County
2015 WCA Financial Report	Grant	2015 - Wetland Conservation Act - NRBG (Houston County)
2015 WCA Report	Grant	2015 - Wetland Conservation Act - NRBG (Houston County)
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/19/2016
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/22/2016
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 04/07/2015
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/26/2015
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/22/2016



Grant All-Detail Report SSTS-NRBG 2015

Grant Title - 2015 - Septic Treatment Systems - NRBG (Houston County)

Grant ID - P15-1543

Organization - Houston County

Grant Awarded Amount **\$18,600.00**
Required Match Amount **\$0.00**
Required Match % **0%**

Grant Execution Date
Grant End Date 12/31/2016
Grant Day To Day Contact Holly Felten

Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$18,600.00	\$18,600.00	\$0.00
Total Match Amount			\$0.00
Total Other Funds	\$0.00	\$0.00	\$0.00
Total	\$18,600.00	\$18,600.00	\$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
SSTS 2015	Administration /Coordination	Current State Grant	2015 - Septic Treatment Systems - NRBG (Houston County)	\$18,600.00	\$18,600.00	12/31/2015	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

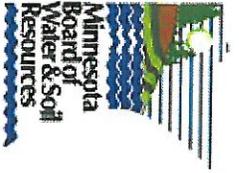
Activity Name	Indicator Name	Value & Units	Waterbody	Calculation Tool	Comments
Final Indicators Summary					
	Indicator Name	Total Value			Unit

Grant Activity

Grant Activity - SSTS 2015	
Description	Administration of Subsurface Sewage Treatment System ordinances by Houston County.
Category	ADMINISTRATION/COORDINATION
Start Date	1-Jan-15
Has Rates and Hours?	No
Actual Results	In 2015, Houston County Environmental Services issued 27 permits for construction of new systems and 26 permits for construction of replacement systems. The 2015 SSTS Report was completed by staff and submitted to MPCA. The report is attached.

Grant Attachments

Document Name	Document Type	Description
2015 NRBG Addendum	Grant Agreement	2015 Natural Resources Block Grant Addendum - Houston County
2015 NRBG Addendum executed	Grant Agreement	2015 Natural Resources Block Grant Addendum - Houston County
2015 SSTS Financial Report	Grant	2015 - Septic Treatment Systems - NRBG (Houston County)
2015 SSTS Report	Grant	2015 - Septic Treatment Systems - NRBG (Houston County)
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/19/2016
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/22/2016
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 04/07/2015



Grant All-Detail Report Feedlot-NRBG 2015

Grant Title - 2015 - Feedlot Program - NRBG (Houston County)
 Grant ID - P15-2649
 Organization - Houston County

Grant Awarded Amount	\$41,757.00	Grant Execution Date	12/31/2016
Required Match Amount	\$29,229.90	Grant End Date	
Required Match %	70%	Grant Day To Day Contact	Holly Felten

Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$41,757.00	\$41,757.00	\$0.00
Total Match Amount	\$29,229.90	\$29,312.60	\$-82.70
Total Other Funds	\$0.00	\$0.00	\$0.00
Total	\$70,986.90	\$71,069.60	\$-82.70

*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
Feedlot Administration - 2015	Administration /Coordination	Current State Grant	2015 - Feedlot Program - NRBG (Houston County)	\$16,702.80	\$14,358.23	12/31/2015	N
Feedlot Administration - 2015	Administration /Coordination	Local Fund	2015 Feedlot County Inkind	\$11,691.96	\$8,216.78	12/31/2015	Y
Feedlot Technical Assistance - 2015	Technical/Engineering Assistance	Current State Grant	2015 - Feedlot Program - NRBG (Houston County)	\$25,054.20	\$27,398.77	12/31/2015	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Feedlot Technical Assistance - 2015	Technical/Engineering Assistance	Local Fund	2015 Feedlot County Inkind	\$17,537.94	\$21,095.82	12/31/2015	Y

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 - Feedlot Administration - 2015	
Description	Feedlot Administration - 2015
Category	ADMINISTRATION/COORDINATION
Start Date	1-Jan-15
End Date	31-Dec-15
Has Rates and Hours?	No
Actual Results	In 2015, Houston County administered the MPCA feedlot program as per guidelines. Root River SWCD staff attended the MACFO Conference from November 4th-6th. Regional CFO meetings and Web Ex Trainings were also attended. The 2015 Annual CFO Report was submitted to MPCA. The draft report approved by MPCA is attached.

Grant Activity - Feedlot Technical Assistance - 2015

Description	Feedlot Technical Assistance - 2015	
Category	TECHNICAL/ENGINEERING ASSISTANCE	
Start Date	1-Jan-15	End Date 31-Dec-15
Has Rates and Hours?	No	
Actual Results	Provided Feedlot Technical Assistance to local farmers in Houston County. 34 feedlots were inspected during the 2015 calendar year. 23 specialty inspections also occurred during this same time frame.	

Grant Attachments

Document Name	Document Type	Description
2015 Feedlots	Grant	2015 - Feedlot Program - NRBG (Houston County)
2015 NRBG Addendum	Grant Agreement	2015 Natural Resources Block Grant Addendum - Houston County
2015 NRBG Addendum executed	Grant Agreement	2015 Natural Resources Block Grant Addendum - Houston County
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/19/2016
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/22/2016
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 03/14/2016
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 04/07/2015
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/26/2015
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/22/2016

Minnesota Pollution Control Agency Feedlot Program
2015 Annual County Feedlot Officer Annual Report and Performance Credit Report

(Data for the Period: January 1, 2015 - December 31, 2015)

County:	Houston County					
Contact Person:	Aaron Lacher					
Phone Number:	507-725-5800					
E-Mail Address:	aaron.lacher@co.houston.mn.us					
Signature:	_____		_____			
	(Signature of County Board Commissioner)		(Date)			
All data must be entered in accordance with the Annual CFO Report Guidance Document.						
<i>Except where identified, this report address those non-NPDES/SDS site required by 7020 to be registered.</i>				No.	PC	PC Total
REGISTRATION						
	1	Feedlots in shoreland with 10 - 49 AU:	59			
	2	Feedlots with 50 - 299 AU:	321			
	3	Non-NPDES/SDS \geq 300 AU:	27			
	4	Feedlots with NPDES/SDS permits:	2			
	5	Total - Feedlots required to be registered:	409			
PRODUCTION SITE INSPECTIONS (compliance or construction)						
	6	Feedlots inspected in shoreland with 10 - 49 AU:	2			
	7	Feedlots inspected with 50 - 299 AU:	27			
	8	Non-NPDES/SDS \geq 300 AU inspected:	5			
	9	Total - Non-NPDES/SDS Feedlots inspected required to be registered:	34			
	10	NPDES/SDS sites inspected:	0			
	11	Inspected Feedlots non-compliant with water quality discharge standards:	10			
LAND APPLICATION INSPECTIONS						
Non-NPDES/SDS Sites	12	Feedlots \geq 100 AU where Level 1 land app was conducted:	5			
	13	Feedlots \geq 100 AU where Level 1 land app result was non compliant:	0			
	14	Site \geq 300 AU (or \geq 100 AU in DWSMA) where Level 2 land app was conducted:	0			
	15	Feedlots from Line 14 where Level 2 land app result was non compliant:	0			
	16	Feedlots \geq 100 AU where Level 3 land app was conducted:	31			
	17	Feedlots \geq 100 AU where Level 3 land app result was non compliant:	0			
SPECIALTY INSPECTIONS						
Non-NPDES/SDS Sites	18	Construction inspections at registered sites (only ONE (1) site visit):	7			
	19	Construction inspections at registered sites (2 or more visits):	4	0.5	2	
	20	Feedlots inspected that are located in shoreland and/or DWSMA:	10			
	21	Complaint inspections at sites required to be registered:	2			
	22	Complaint inspections at sites NOT required to be registered:	0			
	23	On-site assistance inspections:	0			
INSPECTION TYPE (Performance Credit Eligible)						
Based on Number of Sites Inspected by Type	24	Compliance Inspections at non-NPDES/SDS sites:	27	1.5		
	25	Construction Inspections at non-NPDES/SDS sites:	7	1		
	26	Complaint Inspections: (any size site)	2	0.5		
	27	Level 2 Land Application Inspections at non-NPDES/SDS sites:	0	3		
	28	Level 3 Land Application Inspections at non-NPDES/SDS sites:	31	0.5		
	29	Feedlots with NPDES/SDS permits inspected:	0	0.5		
	30	Inspection Type Performance Credit Total: (lines 24-29)	67			35.00

All data must be entered in accordance with the Annual CFO Report Guidance Document.

Except where identified, this report address those non-NPDES/SDS site required by 7020 to be registered.

No. PC PC Total

PERMITTING

	31	30-day construction or expansion notifications received:	0		
	32	Interim Permits Issued or Modified:	9	2	18
	33	Construction Short-Form Permits Issued or Modified at Sites ≥ 300 AU:	1	1	1
	34	Public meetings held for construction or expansion to ≥ 500 AU:	1		

EMERGENCY RESPONSE (any size site)

	35	Events where emergency response was conducted: (on-site visit)	0	2	0
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PRODUCTION SITE SCHEDULED COMPLIANCE (Achieved in current reporting year)

	36	Feedlots where a partial environmental upgrade was achieved:	0		
	37	Feedlots where a complete environmental upgrade was achieved:	0	6	0

LAND APPLICATION SCHEDULED COMPLIANCE (Achieved in current reporting year)

Non-NPDES/SDS Sites	38	Feedlots ≥ 100 AU where Level 1 land app non-compliance was returned to compliance:	0		
	39	Feedlots ≥ 300 AU (or ≥ 100 AU located in a DWSMA) where Level 2 land app non-compliance was returned to compliance:	0		
	40	Feedlots ≥ 100 AU where Level 3 land app non-compliance was resolved:	0		

OWNER ASSISTANCE

Describe Lines 41, 43 & 44 on Supplemental Form.	41	Workshops or trainings hosted and/or co-sponsored by the CFO:	0	2	0
	42	Number of feedlot owners attending events in line 41:	0		
	43	Number of mailings to feedlot owners:	0		
	44	Feedlot articles placed in newspapers:	0		

STAFFING LEVEL AND TRAINING

Line 49 Based on One CFO per County Attending Training Event	45	FTEs - (Full Time Equivalent) supplied by the CFO(s):	0.33		
	46	FTEs supplied by other county staff, including administrative and support staff assigned by the county to the feedlot program:	0.25		
	47	FTEs supplied through contract with other local government units:	0.4		
	48	Total Number of FTE positions that supported county program:	0.98		
	49	CFO - training hours: (Enter total training hours earned)	32	0.25	3.5

ENVIRONMENTAL REVIEW (EAW)

	50	EAW petitions received:	0		
	51	EAWs prepared by county:	0	4	0

AIR QUALITY NOTIFICATIONS

	52	Notifications received claiming air quality exemptions:	0		
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ENFORCEMENT ACTIONS

	53	Letters of Warning (LOW) issued:	0		
	54	Notices of Violation (NOV) issued:	1		
	55	Court actions commenced:	1		

OTHER PROGRAM ACTIVITIES

Describe Lines 57, 58, 59 and 60 on Supplemental Form.	56	Feedlots where a MinnFARM was conducted:	11	1	11
	57	Hours mentoring New CFO's:	0	0.25	0
	58	CFO presentations at informational or producer groups: (per event)	0	1	0
	59	Meetings with other local government and producer groups:	0		
	60	Feedlot Ordinance Revisions:	0		

TOTAL PERFORMANCE CREDITS

70.50

Minnesota Pollution Control Agency
Feedlot Program

2015 Annual County Feedlot Officer Report
Supplemental Information Page
January 1, 2015 – December 31, 2015

County Name: Houston

**Work Plan
Inspection Goals**

Please describe the progress that you made during the calendar year in meeting your 2015 work plan inspection goals. Your report must provide quantitative results for each inspection production site and land application goal listed in your work plan.

Strategy Goal	Inspection Goal 2015	Inspection 2015
Inspect all sites where an interim or CSF (CFS for ≥300 only) permit required	2	11
Inspect sites with OLAs that have never been inspected	20	Not able to determine*
Inspect sites required to be registered that have never been inspected	20	Not able to determine**
Total	42	11***

* Unable to determine sites with OLAs that have never been inspected.

**Unable to determine sites required to be registered that have never been inspect.

***A total of 34 production site inspections were conducted in 2015.

**Owner
Assistance Goals**

Please report on the following owner assistance activities that you conducted in the past year. Include a date and description for each of the activities listed.

- Informational meetings provided to feedlot owners: None
- Newsletters/direct mailings sent to feedlot owners: None
- Feedlot articles placed in local newspapers: None
- Other information and outreach activities not identified above: None

**Staffing Level
and Training**

Please list the training events that you participated in. Include a date and the number of hours of participation for each event listed.

- Root River SWCD staff attended the MACFO Conference from November 4th – 6th for a total of 16 hours.
- County support staff attended TEMPO training from June 9th – 11th for a total of 16 hours.

**Feedlot
Enforcement
Actions**

Please describe any enforcement actions other than letters of warning (LOW), notices of violation (NOV), and court actions that you conducted.

None.

Other Program
Activities

Please list any meetings, including meeting dates, which you attended with local government services and producer groups (including SWCD and NRCS Offices, Minnesota Extension Service, Dairy Inspectors, Minnesota Pork Producers, Minnesota Dairy Association, Minnesota Cattleman's Association).

Please use this space to describe any feedlot ordinance revision and/or adoption proceedings for this reporting period.

None.

Please use this space to list any county feedlot program activities conducted during this reporting period not identified in this form.

None.



Grant All-Detail Report LWM-NRBG 2015

Grant Title - 2015 - Local Water Management - NRBG (Houston County)
 Grant ID - P15-8762
 Organization - Houston County

Grant Awarded Amount	\$14,699.00	Grant Execution Date	12/31/2016
Required Match Amount	\$0.00	Grant End Date	Holly Felten
Required Match %	0%	Grant Day To Day Contact	

Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$14,699.00	\$14,699.00	\$0.00
Total Match Amount	\$13,473.00	\$11,837.70	\$1,635.30
Total Other Funds	\$0.00	\$0.00	\$0.00
Total	\$28,172.00	\$26,536.70	\$1,635.30

**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
Becker, Merle - Push-Up Pond	Agricultural Practices	Current State Grant	2015 - Local Water Management - NRBG (Houston County)	\$600.00	\$600.00	9/1/2015	N
Becker, Merle - Push-Up Pond	Agricultural Practices	Landowner Fund	Landowner Contribution	\$800.00	\$800.00	9/1/2015	Y

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
LWP Coordinate Local Water Plan Efforts - 2015	Administration /Coordination	Current State Grant	2015 - Local Water Management - NRBG (Houston County)	\$11,099.00	\$11,099.00	1/8/2016	N
LWP Coordinate Local Water Plan Efforts - 2015	Administration /Coordination	Local Fund	2015 Water Plan Levy	\$7,973.00	\$6,337.70	1/8/2016	Y
Meyer, Logan - Push-Up Pond	Agricultural Practices	Current State Grant	2015 - Local Water Management - NRBG (Houston County)	\$1,000.00	\$1,000.00	8/12/2015	N
Meyer, Logan - Push-Up Pond	Agricultural Practices	Landowner Fund	Landowner Contribution	\$2,000.00	\$2,000.00	8/12/2015	Y
Michael, Johnny - Push-Up Pond	Agricultural Practices	Current State Grant	2015 - Local Water Management - NRBG (Houston County)	\$1,000.00	\$1,000.00	10/7/2015	N
Michael, Johnny - Push-Up Pond	Agricultural Practices	Landowner Fund	Landowner Contribution	\$2,000.00	\$2,000.00	10/7/2015	Y
Mullen, Joyce - Push-Up Pond	Agricultural Practices	Current State Grant	2015 - Local Water Management - NRBG (Houston County)	\$1,000.00	\$1,000.00	8/12/2015	N
Mullen, Joyce - Push-Up Pond	Agricultural Practices	Landowner Fund	Landowner Contribution	\$700.00	\$700.00	8/12/2015	Y

Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
163M - Pond, Push-up	4	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
SEDIMENT (TSS)	588.74	TONS/YR
SOIL (EST. SAVINGS)	606.70	TONS/YR
PHOSPHORUS (EST. REDUCTION)	588.74	LBS/YR

Grant Activity

Grant Activity - Becker, Merle - Push-Up Pond	
Description	Becker, Merle - Push-Up Pond
Category	AGRICULTURAL PRACTICES
Start Date	5-Mar-15
Has Rates and Hours?	No
Actual Results	Installed push-up pond to enhance wildlife habitat, flood reduction measure, gain sediment storage and stabilize gully.
End Date	01-Sep-15

Activity Action - Push-Up Pond		Count of Activities	Lifespan	Installed Date
Practice Description	163M - Pond, Push-up	1	10 Years	1-Sep-15
Proposed Size / Units	1.00 COUNT			
Actual Size/Units	1.00 COUNT			
Final Indicator for Push-Up Pond				
Indicator Name	SOIL (EST. SAVINGS)	Value	95.63	
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)	
Waterbody				
Root River Basin				
Final Indicator for Push-Up Pond				
Indicator Name	SEDIMENT (TSS)	Value	95.63	
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)	
Waterbody				
Root River Basin				
Final Indicator for Push-Up Pond				
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	95.63	

Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Root River Basin		

Grant Activity - LWP Coordinate Local Water Plan Efforts - 2015

Description	LWP Coordinate Local Water Plan Efforts - 2015
Category	ADMINISTRATION/COORDINATION
Start Date	18-Nov-14
End Date	
Has Rates and Hours?	No
Actual Results	<p>May - December 2015</p> <p>Conduct monthly Local Water Plan meetings</p> <p>Prepare agendas and minutes of each mtg.</p> <p>eLink reporting as required by BWSR</p> <p>Manage monthly expenditures</p> <p>Administer Comprehensive Water Plan</p> <p>Conduct activities of the implementation schedule</p> <p>\$1,635.30 remains of levied county funds.</p>

Grant Activity - Meyer, Logan - Push-Up Pond

Description	Meyer, Logan - Push-Up Pond
Category	AGRICULTURAL PRACTICES
Start Date	5-Mar-15
End Date	12-Aug-15
Has Rates and Hours?	No
Actual Results	Installed push-up pond to enhance wildlife habitat, flood reduction measure, gain sediment storage and stabilize gully.

Activity Action - Push-Up Pond			
Practice Description	163M - Pond, Push-up	Count of Activities	1
Proposed Size / Units	1.00 COUNT	Lifespan	10 Years
Actual Size/Units	1.00 COUNT	Installed Date	12-Aug-15

Final Indicator for Push-Up Pond	PHOSPHORUS (EST. REDUCTION)	Value	79.69
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Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Reno Mississippi Basin		
Final Indicator for Push-Up Pond			
Indicator Name	SEDIMENT (TSS)	Value	79.69
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Reno Mississippi Basin		
Final Indicator for Push-Up Pond			
Indicator Name	SOIL (EST. SAVINGS)	Value	79.69
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Reno Mississippi Basin		

Grant Activity - Micheel, Johnny - Push-Up Pond

Description	Micheel, Johnny - Push-Up Pond
Category	AGRICULTURAL PRACTICES
Start Date	5-Mar-15
End Date	07-Oct-15
Has Rates and Hours?	No
Actual Results	Installed push-up pond to enhance wildlife habitat, flood reduction measure, gain sediment storage and stabilize gully.

Activity Action - Push-Up Pond			
Practice Description	163M - Pond, Push-up	Count of Activities	1
Proposed Size / Units	1.00 COUNT	Lifespan	10 Years
Actual Size/Units	1.00 COUNT	Installed Date	7-Oct-15
Final Indicator for Push-Up Pond			
Indicator Name	SOIL (EST. SAVINGS)	Value	403.75
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Root River Basin		
Final Indicator for Push-Up Pond			
Indicator Name	SEDIMENT (TSS)	Value	403.75

Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Root River Basin		
Final Indicator for Push-Up Pond			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	403.75
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Root River Basin		

Grant Activity - Mullen, Joyce - Push-Up Pond			
Description	Mullen, Joyce - Push-Up Pond		
Category	AGRICULTURAL PRACTICES		
Start Date	5-Mar-15	End Date	12-Aug-15
Has Rates and Hours?	No		
Actual Results	Installed push-up pond to enhance wildlife habitat, flood reduction measure, gain sediment storage and stabilize gully.		

Activity Action - Push-Up Pond			
Practice Description	163M - Pond, Push-up	Count of Activities	1
Proposed Size / Units	1.00 COUNT	Lifespan	10 Years
Actual Size/Units	1.00 COUNT	Installed Date	12-Aug-15
Final Indicator for Push-Up Pond			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	9.67
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Root River Basin		
Final Indicator for Push-Up Pond			
Indicator Name	SOIL (EST. SAVINGS)	Value	27.63
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Root River Basin		
Final Indicator for Push-Up Pond			
Indicator Name	SEDIMENT (TSS)	Value	9.67

Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Root River Basin		

Grant Attachments

Document Name	Document Type	Description
2015 NRBG Addendum	Grant Agreement	2015 Natural Resources Block Grant Addendum - Houston County
2015 NRBG Addendum executed	Grant Agreement	2015 Natural Resources Block Grant Addendum - Houston County
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/26/2016
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 04/07/2015
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/29/2016
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/26/2015