Grant All-Detail Report
Projects and Practices 2016

Grant Title - Becker County Targeted Phosphorus Reduction and Lake Protection Project
Grant ID - C16-3321
Organization - Becker SWCD

Grant Awarded Amount	**$254,897.00**	**Grant Execution Date**	**3/11/2016**
Required Match Amount	$63,724.25	**Grant End Date**	12/31/2018
Required Match %	25%	**Grant Day To Day Contact**	Peter Mead

Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	$254,897.00	$83,807.37	$171,089.63
Total Match Amount	$68,750.00	$34,207.40	$34,542.60
Total Other Funds	$0.00	$0.00	$0.00
Total	**$323,647.00**	**$118,014.77**	**$205,632.23**

**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
Equipment	Supplies/Equipment	Current State Grant	Becker County Targeted Phosphorus Reduction and Lake Protec..	$17,352.05	$17,352.05	7/31/2016	N
Equipment	Supplies/Equipment	Local Fund		$5,000.00			Y

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Match
Outreach and Project Development	Project Development	Current State Grant	Becker County Targeted Phosphorus Reduction and Lake Protec..	$3,728.29	$3,728.29	6/30/2016	N
Planning and technical assistance	Technical/Engineering Assistance	Current State Grant	Becker County Targeted Phosphorus Reduction and Lake Protec..	$43,965.00	$18,160.76	12/31/2016	N
Program Administration and Coordination	Administration /Coordination	Current State Grant	Becker County Targeted Phosphorus Reduction and Lake Protec..	$8,651.66	$2,180.97	12/31/2016	N
Project Materials, Native Plants, Site Prep and Installation	Streambank or Shoreline Protection	Current State Grant	Becker County Targeted Phosphorus Reduction and Lake Protec..	$181,200.00	$42,385.30	11/23/2016	N
Project Materials, Native Plants, Site Prep and Installation	Streambank or Shoreline Protection	Landowner Fund	Landowner Contribution	$63,750.00	$34,207.40	11/23/2016	Y

Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
342 - Critical Area Planting	4	1	100 LINEAR FEET	100 LINEAR FEET
342 - Critical Area Planting	1	1	0.08 AC	0.08 AC
342 - Critical Area Planting	1	1	106 LINEAR FEET	106 LINEAR FEET
342 - Critical Area Planting	1	1	80 LINEAR FEET	80 LINEAR FEET
342 - Critical Area Planting	1	1	0.03 AC	0.03 AC
342 - Critical Area Planting	3	1	50 LINEAR FEET	50 LINEAR FEET
342 - Critical Area Planting	1	1	175 LINEAR FEET	175 LINEAR FEET
342 - Critical Area Planting	1	1	0.02 AC	0.02 AC
342 - Critical Area Planting	1	1	0.1 AC	0.1 AC
342 - Critical Area Planting	1	1	63 LINEAR FEET	63 LINEAR FEET
342 - Critical Area Planting	1	1	0.07 AC	0.07 AC

Proposed Activity Indicators

Activity Name	Indicator Name	Value & Units	Waterbody	Calculation Tool	Comments

Final Indicators Summary

Indicator Name	Total Value	Unit
SEDIMENT (TSS)	19.94	TONS/YR
PATHOGENS (E. COLI)	1.90	CFU
PHOSPHORUS (EST. REDUCTION)	18.47	LBS/YR
SOIL (EST. SAVINGS)	14.28	TONS/YR

Grant Activity

Grant Activity - Equipment			
Description	A gas powered drill, auger, various hand tools and a Rubber tracked Toro Dingo and attachments will be purchased to handle moderate excavation & grading, soil conditioning and the transport and installation of materials onsite to ensure all installations can be completed within the time constraints of the grant period.		
Category	SUPPLIES/EQUIPMENT		
Start Date	11-Mar-16	**End Date**	
Has Rates and Hours?	No		
Actual Results	made equipment purchases as noted above		

Grant Activity - Outreach and Project Development			
Description	District Administrator, Shoreland Coordinator and Shoreland Technician will present the project and funding opportunities at 2 annual COLA summer meetings (with an average minimum of 24 lake associations represented), showcase promotional materials and project examples at the Becker County Fair and water-related events sponsored by Becker County, The City of Detroit Lakes, area watershed districts and lake associations. Targeted mailings will be sent to +/- 450 Residents and property owners critical areas of the lakes addressed by the project. Project development funds will also be utilized for initial site visits, feasibility determinations and preliminary planning, for projects prior to contracting.		
Category	PROJECT DEVELOPMENT		
Start Date	11-Mar-16	**End Date**	
Has Rates and Hours?	Yes		
Actual Results	promoted program objectives through public meetings		

Grant Activity - Planning and technical assistance			
Description	Shoreland Coordinator, Shoreland Technician and Engineering technician will provide site assessment, topographic survey, site plans, plans of action, construction/installation inspection and project certification for shoreline stabilizations, critical area planting, rain gardens and native buffers. Technical assistance requiring TAA exceeding that of the SWCD will be contracted to TSA 1's Engineer or Technician or USDA NRCS Engineering Staff. All projects will be designed and installed in accordance with the guidelines and specifications of the USDA NRCS EFOTG, Blue Thumb Network's Blue Thumb guide, or the MN DNR's Lakescaping and Shoreland Restoration principles.		
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date	11-Mar-16	**End Date**	
Has Rates and Hours?	Yes		
Actual Results	staff provided technical assistance on projects from beginning to end		

Grant Activity - Program Administration and Coordination			
Description	SWCD will coordinate activities, contracting and oversite for each project. Becker SWCD District Administrator and Office Manager will administer Project funds, coordinate activities, track expenditures, complete vouchers and payments, assure that all appropriate FY 16 BWSR Grant Administration Policies are followed and fulfill reporting requirements in Elink. District Technicians will calculate and report pollution reductions on each completed project.		
Category	ADMINISTRATION/COORDINATION		
Start Date	11-Mar-16	End Date	
Has Rates and Hours?	Yes		
Actual Results	provided coordination and expense tracking as well as processing of all landowner contracts, vouchers, etc.		

Grant Activity - Project Materials, Native Plants, Site Prep and Installation			
Description	50-75% cost share on Equipment rentals Contracted Labor, project materials, Herbicide, Soil & amendments and native plant material for +/- 120 projects. Cost share rates will be determined by each lakes ranking of biological significance. Lakes with an outstanding or High Classification will be eligible for 75% cost share, Lakes with Moderate or Lower biological significance we be eligible for 50% cost share assistance.		
Category	STREAMBANK OR SHORELINE PROTECTION		
Start Date	11-Mar-16	End Date	
Has Rates and Hours?	No		
Actual Results	cost-share payouts for all completed projects		

Activity Action - #03-LP Del Bergseth Critical Area Planting			
Practice	342 - Critical Area Planting	Count of Activities	1
Description	Native shoreline buffer		
Proposed Size / Units	100.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	100.00 LINEAR FEET	Installed Date	1-Sep-16
Mapped Activities	1 Polygon(s)		

Final Indicator for #03-LP Del Bergseth Critical Area Planting			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	2.34

Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	**Calculation Tool**	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Little Bemidji Lake		
Final Indicator for #03-LP Del Bergseth Critical Area Planting			
Indicator Name	SEDIMENT (TSS)	**Value**	2.75
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	**Calculation Tool**	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Little Bemidji Lake		
Final Indicator for #03-LP Del Bergseth Critical Area Planting			
Indicator Name	SOIL (EST. SAVINGS)	**Value**	2.75
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	**Calculation Tool**	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Little Bemidji Lake		

Activity Action - #16-LP Terry Turchin Shoreline Restoration			
Practice	342 - Critical Area Planting	**Count of Activities**	1
Description	native shoreline buffer restoration		
Proposed Size / Units	63.00 LINEAR FEET	**Lifespan**	10 Years
Actual Size/Units	63.00 LINEAR FEET	**Installed Date**	29-Aug-16
Mapped Activities	1 Polygon(s)		

Final Indicator for #16-LP Terry Turchin Shoreline Restoration			
Indicator Name	SEDIMENT (TSS)	**Value**	.44
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	**Calculation Tool**	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Little Cormorant Lake		
Final Indicator for #16-LP Terry Turchin Shoreline Restoration			
Indicator Name	SOIL (EST. SAVINGS)	**Value**	.44
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	**Calculation Tool**	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Little Cormorant Lake		
Final Indicator for #16-LP Terry Turchin Shoreline Restoration			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	**Value**	.51
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	**Calculation Tool**	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Little Cormorant Lake		

Activity Action - #01-LP Bill Kaufmann Critical Area Planting			
Practice	342 - Critical Area Planting	Count of Activities	1
Description	Shoreline restoration with native plants and bio-materials		
Proposed Size / Units	0.02 AC	Lifespan	10 Years
Actual Size/Units	0.02 AC	Installed Date	12-Jul-16
Mapped Activities	1 Polygon(s)		

Final Indicator for #01-LP Bill Kaufmann Critical Area Planting			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	1.5
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Lake Eunice		

Final Indicator for #01-LP Bill Kaufmann Critical Area Planting			
Indicator Name	SEDIMENT (TSS)	Value	1.8
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Lake Eunice		

Final Indicator for #01-LP Bill Kaufmann Critical Area Planting			
Indicator Name	SOIL (EST. SAVINGS)	Value	1.8
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Lake Eunice		

Activity Action - #04-LP Allen Bergquist Critical Area Planting			
Practice	342 - Critical Area Planting	Count of Activities	1
Description	Shoreline Restoration		
Proposed Size / Units	80.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	80.00 LINEAR FEET	Installed Date	12-Jul-16
Mapped Activities	1 Polygon(s)		

Final Indicator for #04-LP Allen Bergquist Critical Area Planting			
Indicator Name	SOIL (EST. SAVINGS)	Value	.9
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Lake Eunice		

Final Indicator for #04-LP Allen Bergquist Critical Area Planting			
Indicator Name	SEDIMENT (TSS)	**Value**	.9
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	**Calculation Tool**	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Lake Eunice		
Final Indicator for #04-LP Allen Bergquist Critical Area Planting			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	**Value**	.75
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	**Calculation Tool**	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Lake Eunice		

Activity Action - #09-LP Patricia Young Critical Area Planting			
Practice	342 - Critical Area Planting	**Count of Activities**	1
Description	Shoreline Restoration		
Proposed Size / Units	50.00 LINEAR FEET	**Lifespan**	10 Years
Actual Size/Units	50.00 LINEAR FEET	**Installed Date**	12-Jul-16
Mapped Activities	1 Polygon(s)		

Final Indicator for #09-LP Patricia Young Critical Area Planting			
Indicator Name	SOIL (EST. SAVINGS)	**Value**	.5
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	**Calculation Tool**	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Middle Cormorant		
Final Indicator for #09-LP Patricia Young Critical Area Planting			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	**Value**	.5
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	**Calculation Tool**	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Middle Cormorant		
Final Indicator for #09-LP Patricia Young Critical Area Planting			
Indicator Name	SEDIMENT (TSS)	**Value**	.5
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	**Calculation Tool**	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Middle Cormorant		

Activity Action - #10-LP James Erickson Critical Area Planting			
Practice	342 - Critical Area Planting	Count of Activities	1
Description	Shoreline restoration and Critical Area Planting		
Proposed Size / Units	0.03 AC	Lifespan	10 Years
Actual Size/Units	0.03 AC	Installed Date	9-Jun-16
Mapped Activities	1 Polygon(s)		

Final Indicator for #10-LP James Erickson Critical Area Planting			
Indicator Name	SOIL (EST. SAVINGS)	Value	.1
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	Lake Maud		

Final Indicator for #10-LP James Erickson Critical Area Planting			
Indicator Name	SEDIMENT (TSS)	Value	1.3
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	Lake Maud		

Final Indicator for #10-LP James Erickson Critical Area Planting			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	2.1
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	Lake Maud		

Activity Action - #11-LP Richard Gerasch Critical Area Planting			
Practice	342 - Critical Area Planting	Count of Activities	1
Description	Shoreline restoration		
Proposed Size / Units	0.10 AC	Lifespan	10 Years
Actual Size/Units	0.10 AC	Installed Date	21-Jun-16
Mapped Activities	1 Polygon(s)		

Final Indicator for #11-LP Richard Gerasch Critical Area Planting			
Indicator Name	SOIL (EST. SAVINGS)	Value	.4
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	Elbow Lake		

Final Indicator for #11-LP Richard Gerasch Critical Area Planting			
Indicator Name	SEDIMENT (TSS)	Value	1.6
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	Elbow Lake		

Final Indicator for #11-LP Richard Gerasch Critical Area Planting			
Indicator Name	PATHOGENS (E. COLI)	Value	1.9
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) CFU	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	Elbow Lake		

Activity Action - #12-LP Craig Hoehne Critical Area Planting			
Practice	342 - Critical Area Planting	Count of Activities	1
Description	Shoreline and upland buffer		
Proposed Size / Units	0.08 AC	Lifespan	10 Years
Actual Size/Units	0.08 AC	Installed Date	10-Jun-16
Mapped Activities	1 Polygon(s)		

Final Indicator for #12-LP Craig Hoehne Critical Area Planting			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	3.1
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	Strawberry Lake		

Final Indicator for #12-LP Craig Hoehne Critical Area Planting			
Indicator Name	SOIL (EST. SAVINGS)	Value	.3
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	Strawberry Lake		

Final Indicator for #12-LP Craig Hoehne Critical Area Planting			
Indicator Name	SEDIMENT (TSS)	Value	2.5
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	Strawberry Lake		

Activity Action - #07-LP Jean Kampmeyer Critical Area Planting			
Practice	342 - Critical Area Planting	Count of Activities	1
Description	Shoreline restoration, native buffer		
Proposed Size / Units	175.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	175.00 LINEAR FEET	Installed Date	30-Jun-16
Mapped Activities	1 Polygon(s)		

Final Indicator for #07-LP Jean Kampmeyer Critical Area Planting			
Indicator Name	SEDIMENT (TSS)	Value	1.9
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)

Waterbody	Buffalo Lake		
Final Indicator for #07-LP Jean Kampmeyer Critical Area Planting			
Indicator Name	SOIL (EST. SAVINGS)	**Value**	1.9
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	**Calculation Tool**	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Buffalo Lake		
Final Indicator for #07-LP Jean Kampmeyer Critical Area Planting			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	**Value**	1.6
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	**Calculation Tool**	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Buffalo Lake		

Activity Action - #06-LP Larry Wiebusch Critical Area Planting			
Practice	342 - Critical Area Planting	**Count of Activities**	1
Description	Shoreline restoration, native buffer		
Proposed Size / Units	50.00 LINEAR FEET	**Lifespan**	10 Years
Actual Size/Units	50.00 LINEAR FEET	**Installed Date**	7-Jun-16
Mapped Activities	1 Polygon(s)		

Final Indicator for #06-LP Larry Wiebusch Critical Area Planting			
Indicator Name	SOIL (EST. SAVINGS)	**Value**	.55
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	**Calculation Tool**	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Lake Maud		
Final Indicator for #06-LP Larry Wiebusch Critical Area Planting			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	**Value**	.47
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	**Calculation Tool**	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Lake Maud		
Final Indicator for #06-LP Larry Wiebusch Critical Area Planting			
Indicator Name	SEDIMENT (TSS)	**Value**	.55
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	**Calculation Tool**	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Lake Maud		

Activity Action - #05-LP Stacey Jacobs Critical Area Planting			
Practice	342 - Critical Area Planting	Count of Activities	1
Description	Shoreline restoration, native buffer		
Proposed Size / Units	50.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	50.00 LINEAR FEET	Installed Date	23-Jun-16
Mapped Activities	1 Polygon(s)		

Final Indicator for #05-LP Stacey Jacobs Critical Area Planting			
Indicator Name	SOIL (EST. SAVINGS)	Value	.04
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	Floyd Lake		

Final Indicator for #05-LP Stacey Jacobs Critical Area Planting			
Indicator Name	SEDIMENT (TSS)	Value	.6
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	Floyd Lake		

Final Indicator for #05-LP Stacey Jacobs Critical Area Planting			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	.7
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	Floyd Lake		

Activity Action - #08-LP Ron Mueller Critical Area Planting			
Practice	342 - Critical Area Planting	Count of Activities	1
Description	Native buffer on shoreline		
Proposed Size / Units	100.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	100.00 LINEAR FEET	Installed Date	23-Jun-16
Mapped Activities	1 Polygon(s)		

Final Indicator for #08-LP Ron Mueller Critical Area Planting			
Indicator Name	SEDIMENT (TSS)	Value	1.1
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Big Floyd Lake		

Final Indicator for #08-LP Ron Mueller Critical Area Planting			
Indicator Name	SOIL (EST. SAVINGS)	Value	1.1
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)

Waterbody	Big Floyd Lake		
Final Indicator for #08-LP Ron Mueller Critical Area Planting			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	**Value**	.9
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	**Calculation Tool**	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Big Floyd Lake		

Activity Action - #17-LP Anne Buelow Critical Area Planting			
Practice	342 - Critical Area Planting	**Count of Activities**	1
Description	Native shoreline buffer		
Proposed Size / Units	100.00 LINEAR FEET	**Lifespan**	10 Years
Actual Size/Units	100.00 LINEAR FEET	**Installed Date**	31-Aug-16
Mapped Activities	1 Polygon(s)		

Final Indicator for #17-LP Anne Buelow Critical Area Planting			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	**Value**	.9
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	**Calculation Tool**	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Elbow Lake		
Final Indicator for #17-LP Anne Buelow Critical Area Planting			
Indicator Name	SOIL (EST. SAVINGS)	**Value**	1.1
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	**Calculation Tool**	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Elbow Lake		
Final Indicator for #17-LP Anne Buelow Critical Area Planting			
Indicator Name	SEDIMENT (TSS)	**Value**	1.1
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	**Calculation Tool**	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Elbow Lake		

Activity Action - #15-LP Jim Snyder Critical Area Planting			
Practice	342 - Critical Area Planting	Count of Activities	1
Description	Native Shoreline buffer		
Proposed Size / Units	100.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	100.00 LINEAR FEET	Installed Date	30-Aug-16
Mapped Activities	1 Polygon(s)		

Final Indicator for #15-LP Jim Snyder Critical Area Planting			
Indicator Name	SEDIMENT (TSS)	Value	1.1
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Round Lake		

Final Indicator for #15-LP Jim Snyder Critical Area Planting			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	.9
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Round Lake		

Final Indicator for #15-LP Jim Snyder Critical Area Planting			
Indicator Name	SOIL (EST. SAVINGS)	Value	1.1
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Round Lake		

Activity Action - #14-LP Don Galitz Critical Area Planting			
Practice	342 - Critical Area Planting	Count of Activities	1
Description	Native upland buffer		
Proposed Size / Units	0.07 AC	Lifespan	10 Years
Actual Size/Units	0.07 AC	Installed Date	18-Aug-16
Mapped Activities	1 Polygon(s)		

Final Indicator for #14-LP Don Galitz Critical Area Planting			
Indicator Name	SOIL (EST. SAVINGS)	Value	.3
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	Big Cormorant Lake		

Final Indicator for #14-LP Don Galitz Critical Area Planting			
Indicator Name	SEDIMENT (TSS)	Value	.8

Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	**Calculation Tool**	BWSR CALC (FILTER STRIP)
Waterbody	Big Cormorant Lake		
Final Indicator for #14-LP Don Galitz Critical Area Planting			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	**Value**	1.2
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	**Calculation Tool**	BWSR CALC (FILTER STRIP)
Waterbody	Big Cormorant Lake		

Activity Action - #13-LP Eric Daeuber Critical Area Planting			
Practice	342 - Critical Area Planting	**Count of Activities**	1
Description	Native shoreline buffer		
Proposed Size / Units	106.00 LINEAR FEET	**Lifespan**	10 Years
Actual Size/Units	106.00 LINEAR FEET	**Installed Date**	22-Jun-16
Mapped Activities	1 Polygon(s)		

Final Indicator for #13-LP Eric Daeuber Critical Area Planting			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	**Value**	1
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	**Calculation Tool**	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Elbow Lake		
Final Indicator for #13-LP Eric Daeuber Critical Area Planting			
Indicator Name	SEDIMENT (TSS)	**Value**	1
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	**Calculation Tool**	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Elbow Lake		
Final Indicator for #13-LP Eric Daeuber Critical Area Planting			
Indicator Name	SOIL (EST. SAVINGS)	**Value**	1
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	**Calculation Tool**	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Elbow Lake		

Grant Attachments

Document Name	Document Type	Description
2016 Competitive Grant	Grant Agreement	2016 Competitive Grant - Becker SWCD
2016 Competitive Grant executed	Grant Agreement	2016 Competitive Grant - Becker SWCD

Document Name	Document Type	Description
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/19/2017
Application	Workflow Generated	Workflow Generated - Application - 08/28/2015
Expense Log	Progress	Progress Dated - 01/19/2017
Project_Materials_Plants_Budget	Grant	Becker County Targeted Phosphorus Reduction and Lake Protection Project
Target_Lakes	Grant	Becker County Targeted Phosphorus Reduction and Lake Protection Project
Targeted Lake Phosphorus Sensitivity	Grant	Becker County Targeted Phosphorus Reduction and Lake Protection Project
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 03/03/2016
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 12/16/2015
grantmap_14754_2015-08-28_09-33-40-AM.jpg	Grant	Becker County Targeted Phosphorus Reduction and Lake Protection Project