



Grant All-Detail Report SWCD Local Capacity Services 2016

Grant Title - 2016 - SWCD Local Capacity Services (Brown SWCD)

Grant ID - P16-7315

Organization - Brown SWCD

Original Awarded Amount	\$120,337.00	Grant Execution Date	1/14/2016
Required Match Amount	\$0.00	Original Grant End Date	12/31/2018
Required Match %	0%	Grant Day To Day Contact	Melanie Krueger
Current Awarded Amount	\$120,337.00	Current End Date	12/31/2018

Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$120,337.00	\$120,337.00	\$0.00
Total Match Amount	\$0.00	\$0.00	\$0.00
Total Other Funds	\$0.00	\$0.00	\$0.00
Total	\$120,337.00	\$120,337.00	\$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
Riparian Zone Management - 2016 Administration	Administration /Coordination	Current State Grant	2016 - SWCD Local Capacity Services (Brown SWCD)	\$7,050.00	\$7,050.00	12/31/2016	N
Riparian Zone Management - 2016 Cost Share Assistance 2	Streambank or Shoreline Protection	Current State Grant	2016 - SWCD Local Capacity Services (Brown SWCD)	\$15,564.85	\$15,564.85	1/31/2018	N
Riparian Zone Management - 2016 GIS/Software Update/File Server	Supplies/Equipment	Current State Grant	2016 - SWCD Local Capacity Services (Brown SWCD)	\$4,100.00	\$4,100.00	9/30/2016	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Riparian Zone Management - 2016 Survey Grade Equipment/GPS Equipment	Supplies/Equipment	Current State Grant	2016 - SWCD Local Capacity Services (Brown SWCD)	\$7,500.00	\$7,500.00	7/31/2016	N
Riparian Zone Management - 2016 Survey Vehicle/ATV/Trailer	Supplies/Equipment	Current State Grant	2016 - SWCD Local Capacity Services (Brown SWCD)	\$6,500.00	\$6,500.00	11/30/2016	N
Riparian Zone Management - 2016 Technician	Technical/Engineering Assistance	Current State Grant	2016 - SWCD Local Capacity Services (Brown SWCD)	\$5,625.00	\$5,625.00	1/31/2017	N
Soil Erosion - 2016 Administration	Administration/Coordination	Current State Grant	2016 - SWCD Local Capacity Services (Brown SWCD)	\$7,050.00	\$7,050.00	12/31/2016	N
Soil Erosion - 2016 Cost Share Assistance	Agricultural Practices	Current State Grant	2016 - SWCD Local Capacity Services (Brown SWCD)	\$43,222.15	\$43,222.15	12/31/2018	N
Soil Erosion - 2016 GIS/Software Update/File Server	Supplies/Equipment	Current State Grant	2016 - SWCD Local Capacity Services (Brown SWCD)	\$4,100.00	\$4,100.00	9/30/2016	N
Soil Erosion - 2016 Survey Grade Equipment/GPS Equipment	Supplies/Equipment	Current State Grant	2016 - SWCD Local Capacity Services (Brown SWCD)	\$7,500.00	\$7,500.00	7/31/2016	N
Soil Erosion - 2016 Survey Vehicle/ATV/Trailer	Supplies/Equipment	Current State Grant	2016 - SWCD Local Capacity Services (Brown SWCD)	\$6,500.00	\$6,500.00	11/30/2016	N
Soil Erosion - 2016 Technician	Technical/Engineering Assistance	Current State Grant	2016 - SWCD Local Capacity Services (Brown SWCD)	\$5,625.00	\$5,625.00	1/31/2017	N

Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
580 - Streambank and Shoreline Protection	1	1	80 LINEAR FEET	80 LINEAR FEET
468 - Lined Waterway or Outlet	1	1	1 COUNT	1 COUNT
580 - Streambank and Shoreline Protection	1	2	185 LINEAR FEET	185 LINEAR FEET
638 - Water and Sediment Control Basin	5	5	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)	235.53	TONS/YR
SOIL (EST. SAVINGS)	235.53	TONS/YR
PHOSPHORUS (EST. REDUCTION)	252.44	LBS/YR

Grant Activity

Grant Activity - Riparian Zone Management - 2016 Administration

Description	<p>Riparian Zone Management - 2016 Administration</p> <p>Brown County Comprehensive Local Water Management Plan</p> <p>In July, the Office Administrator position at Brown SWCD was increased to 40 Hrs a week from a 32 hour a week position with increased in the advent of increased work load due to buffer, emergency fund, and other funding. The increased capacity of this position was covered by depleting reserve funds in anticipation of the capacity funding.</p> <p>Funds will be spent to maintain the level of capacity for Administrative/Clerical personnel at Brown SWCD to complete the administration of the grant. Administration includes, but not limited to, required eLink reporting, oversight of staff development, purchasing supplies, updating the SWCD Board on grant activities, and coordinating software installation.</p>		
Category	ADMINISTRATION/COORDINATION		
Start Date	25-Jan-16	End Date	31-Dec-16
Has Rates and Hours?	Yes		
Actual Results	<p>Riparian Zone Management – 2016 Administration: Final Report</p> <p>*Funds have been expensed to this activity for the Office Administrator staff time at approximately 8hours per pay period. Work tasks included, but was not limited to, grant administration, eLINK reporting, oversight of staff development, timesheet and grant log management, coordinate the purchase of all additional supplies and equipment that were bought with portions of funding from this grant, and keeping the Board up to date on all grant activities and report.</p> <p>*Funds totaling \$7,050.00 were all expensed during 2016. This covered 196hours of staff time for the Office Administrator with 72hrs @ 35.53 billing rate and 124hrs @ 36.51 billing rate (an adjustment of 35.40 was made).</p> <p>*See grant log attachment for a detailed breakdown of monthly charges to the grant</p>		

Description

Riparian Zone Management - 2016 Cost Share Assistance

County Comprehensive Local Water Management Plan

Funds will be used to cost share the installation of practices consistent with the BWSR State Cost-Share Program Policy within shoreland and streambank areas of Brown County surface waters. Practices to include Filter Strips (393), Critical Area Plantings (342), as well as near channel protection and other practices as deemed applicable by the TSA or partner technicians.

Category	STREAMBANK OR SHORELINE PROTECTION		
Start Date	25-Jan-16	End Date	31-Jan-18
Has Rates and Hours?	Yes		
Actual Results	<p>Riparian Zone Management – 2016 Cost Share Assistance: Final Report</p> <p>*Funds totaling \$15,564.85 have been expensed to this workplan activity as of 12/31/18 for cost share projects and cost share technical and administrative expenses as noted below. Brown SWCD implemented two streambank protection projects with these funds. Technical representative for both projects was RCRCA engineer, Bill Moldestad. TA staff time charged to the grant was for project development, grant administration, and technical and administrative work for project management.</p> <p>2016 - \$366.00 Heather Hansen, District Technician – \$308.55, 8.5 hours @36.30 Jeremy Groskreutz, District Technician - \$57.45, 2.5 hours @22.98</p> <p>2017 - \$8,946.88 Heather Hansen, District Technician – \$35.60, 1 hour @35.60 Jeremy Groskreutz, District Technician - \$393.00, 12 hours @32.75 Alan Gleisner, District Technician - \$437.92, 2 hours @34.76, 10 hours @36.84 Melanie Krueger, District Manager - \$627.23, 8 hours @41.81, 8 hours @41.82 Project Payment - \$7,453.13, CAPRZM-FY16-01, Paul Tauer, Streambank Protection</p> <p>2018 - \$6,251.97 Alan Gleisner, District Technician - \$79.78, 2 hours @39.89 Melanie Krueger, District Manager - \$74.38, 2 hours @42.83 less 11.28 adjustment RCRCA, Moldestad Engineering Services - \$1,099.06 Project Payment - \$4,998.75, CAPRZM-FY16-02, Leavenworth Township, Streambank Protection</p> <p>*See grant log attachment for a detailed breakdown of monthly charges to the grant</p>		

Activity Action - CAPRZM-FY16-01 Paul Tauer			
Practice	580 - Streambank and Shoreline Protection	Count of Activities	1
Description	Installation of 185 feet of Streambank Protection project in Bashaw 16		
Proposed Size / Units	185.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	185.00 LINEAR FEET	Installed Date	20-Dec-17
Mapped Activities	2 Line(s)		

Final Indicator for CAPRZM-FY16-01 Paul Tauer

Indicator Name	SEDIMENT (TSS)	Value	15.73
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	28080 - Little Cottonwood		

Final Indicator for CAPRZM-FY16-01 Paul Tauer

Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	15.73
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	28080 - Little Cottonwood		

Final Indicator for CAPRZM-FY16-01 Paul Tauer

Indicator Name	SOIL (EST. SAVINGS)	Value	15.73
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	28080 - Little Cottonwood		

Activity Action - CAPRZM-FY16-02 Leavenworth Township			
Practice	580 - Streambank and Shoreline Protection	Count of Activities	1
Description	Installation of 80feet of Streambank Protection project in Leavenworth 8		
Proposed Size / Units	80.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	80.00 LINEAR FEET	Installed Date	17-Jan-18
Mapped Activities	1 Line(s)		

Final Indicator for CAPRZM-FY16-02 Leavenworth Township

Indicator Name	SEDIMENT (TSS)	Value	28.16
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)

Waterbody	29015 - Cottonwood River		
Final Indicator for CAPRZM-FY16-02 Leavenworth Township			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	23.94
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	29015 - Cottonwood River		
Final Indicator for CAPRZM-FY16-02 Leavenworth Township			
Indicator Name	SOIL (EST. SAVINGS)	Value	28.16
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	29015 - Cottonwood River		

Grant Activity - Riparian Zone Management - 2016 GIS/Software Update/File Server

<p>Description</p>	<p>Riparian Zone Management - 2016 GIS/Software Update/File Server</p> <p>County Comprehensive Local Water Management Plan</p> <p>Funds will be used in conjunction with Easement Delivery, Buffer, and County funds to purchase hardware for a shared file server w/backup and offsite storage capabilities for better digital record keeping and tracking as well as a central storage for GIS data and project scenarios. The funds will also be used to add another ArcMap licence and upgrades to include spatial analyst on computers for LiDAR manipulation.</p>		
<p>Category</p>	<p>SUPPLIES/EQUIPMENT</p>		
<p>Start Date</p>	<p>25-Jan-16</p>	<p>End Date</p>	<p>30-Sep-16</p>
<p>Has Rates and Hours?</p>	<p>No</p>		
<p>Actual Results</p>	<p>Riparian Zone Management - 2016 GIS/Software Update/File Server: Final Report</p> <p>*Funds totaling \$4,100 were expensed to this activity during 2016 and were used towards the purchase of several GIS software licenses and a File Server for the Brown SWCD office as listed below.</p> <p>*File Server and backup drive were purchased in May and June of 2016 for a total of \$835.60, of which \$417.80 was expensed to this grant workplan category. Having this file server allows for a central storage capability of digital files within the Brown SWCD office.</p> <p>*GIS Software was purchased in April, July and September 2016 for a total of \$8,145.60, of which, \$3,682.20 was expensed to this grant workplan category. Software purchases consisted of 3 Spatial Analyst Extension licenses, 1 ArcGIS Desktop Basic license, and 2 ArcGIS Desktop license maintenance renewals to allow the existing ArcGIS software licenses within our office be brought up to date to match the new software licenses purchased.</p> <p>*See grant log attachment for a detailed breakdown of monthly charges to the grant</p>		

Grant Activity - Riparian Zone Management - 2016 Survey Grade Equipment/GPS Equipment

<p>Description</p>	<p>Riparian Zone Management - 2016 Survey Grade Equipment/GPS Equipment</p> <p>County Comprehensive Local Water Management Plan</p> <p>Funds will be used in conjunction with Buffer, Easement Delivery, and County funds to purchase Survey Grade GPS equipment and tablets. The equipment will be compatible with the Area 6 TSA group for time savings in surveying. The equipment will also be used for buffer activities and easement boundary work.</p>		
<p>Category</p>	<p>SUPPLIES/EQUIPMENT</p>		
<p>Start Date</p>	<p>25-Jan-16</p>	<p>End Date</p>	<p>31-Jul-16</p>
<p>Has Rates and Hours?</p>	<p>No</p>		
<p>Actual Results</p>	<p>Riparian Zone Management - 2016 Survey Grade Equipment/GPS Equipment: Final Report</p> <p>*Funds totaling \$7,500 were expensed during 2016 to this workplan activity, as approved, towards the purchase of a tablet and gps equipment for the Brown SWCD as listed below.</p> <p>*MS Surface Pro 4 Tablet system was purchased in July 2016 for a total of \$1,826.29, of which, \$750.00 was expensed to this grant workplan category. This tablet is and will be used for field work activities such as buffer measurements, easement boundary work, and photos of projects as well as other activities as deemed necessary by the District Technician staff while on site.</p> <p>*Trimble Geo 7X gps/survey equipment kit system was purchased in July 2016 for a total of \$16,834.00, of which, \$6,750.00 was expensed to this grant workplan category. This equipment is compatible with the SCTSA group's equipment and will be used by SWCD staff for technical field work such as surveys and gps location marking of buffers, easements, and cost-share projects.</p> <p>*See grant log attachment for a detailed breakdown of monthly charges to the grant</p>		

Grant Activity - Riparian Zone Management - 2016 Survey Vehicle/ATV/Trailer

<p>Description</p>	<p>Riparian Zone Management - 2016 Survey Vehicle/ATV/Trailer</p> <p>County Comprehensive Local Water Management Plan</p> <p>Funds will be used in conjunction with Buffer, Easement Delivery, and County funds to purchase a field vehicle (ATV) capable of holding two individuals and surveying equipment as well as a trailer. There will also be some money used for maintenance, etc. The equipment will also be used for buffer activities and easement boundary work.</p>		
<p>Category</p>	<p>SUPPLIES/EQUIPMENT</p>		
<p>Start Date</p>	<p>25-Jan-16</p>	<p>End Date</p>	<p>30-Nov-16</p>
<p>Has Rates and Hours?</p>	<p>No</p>		
<p>Actual Results</p>	<p>Riparian Zone Management - 2016 Survey Vehicle/ATV/Trailer: Final Report</p> <p>*Funds totaling \$6,500 were expensed during 2016 to this workplan activity, as approved, towards the purchase of a Field Vehicle (ATV) and Trailer for the Brown SWCD as listed below.</p> <p>*2016 Can-AM Defender DPS HD8 (SSV) was purchased in October 2016 for a total of \$12,695.88, of which \$5,500 was expensed to this grant workplan category. This SSV field vehicle seats two people and has a box for hauling equipment in the field that is needed by the technicians for the work they are performing such as cost-share staking and surveying, buffer posting and mapping, and easement boundary and inspection and construction work.</p> <p>* 2017 Triton Enclosed Trailer was purchased in November 2016 for a total of \$5,632.72, of which, \$1,000.00 was expensed to this grant workplan category. This trailer is being used to haul the SSV to the field work site locations by District Technician staff as well as it serves as the storage facility for the SSV.</p> <p>*See grant log attachment for a detailed breakdown of monthly charges to the grant</p>		

Grant Activity - Riparian Zone Management - 2016 Technician

<p>Description</p>	<p>Riparian Zone Management - 2016 Technician</p> <p>Brown County Comprehensive Local Water Management Plan</p> <p>In June, in the advent of increased work load due to buffer, emergency fund, and other funding, a 1 FTE position was hired at Brown SWCD to be funded in part (at least 0.5 FTE) by the state AIS Funding the remaining half was covered by some county funds and the rest with district reserves. The increased capacity of this position was covered by depleting reserve funds in anticipation of the capacity funding.</p> <p>Funds will be used to maintain the capacity of the portion of this position formally covered by the reserve funding in 2015. The funds will go for a position of technicians capable of attaining appropriate technical certifications or hire technicians to work with landowners to implement conservation practices on property within Brown SWCD.</p>		
<p>Category</p>	<p>TECHNICAL/ENGINEERING ASSISTANCE</p>		
<p>Start Date</p>	<p>25-Jan-16</p>	<p>End Date</p>	<p>31-Jan-17</p>
<p>Has Rates and Hours?</p>	<p>Yes</p>		
<p>Actual Results</p>	<p>Riparian Zone Management – 2016 Technician: Final Report</p> <p>*Funds have been expensed to this activity for District Technician staff time hours. Work tasks included, but were not limited to, technical work and attending trainings related to technician work in order to attain technical certifications, project management, attending appropriate meetings with partners for projects and planning work, and technician work and learning in regards to implementing conservation practices and programs with brown county landowners.</p> <p>*Funds totaling \$5,625.00 were expensed during 2016 and 2017 as follows:</p> <p>2016: Heather Hansen, District Technician - \$5,214.95 (5hrs @33.85, 139hrs @36.30)</p> <p>2017: Heather Hansen, District Technician - \$410.05 (12hrs @35.60 less 17.15 adjustment)</p> <p>*See grant log attachment for a detailed breakdown of monthly charges to the grant</p>		

Grant Activity - Soil Erosion - 2016 Administration

<p>Description</p>	<p>Soil Erosion - 2016 Administration</p> <p>Brown County Comprehensive Local Water Management Plan</p> <p>In July, the Office Administrator position at Brown SWCD was increased to 40 Hrs a week from a 32 hour a week position with increased in the advent of increased work load due to buffer, emergency fund, and other funding. The increased capacity of this position was covered by depleting reserve funds in anticipation of the capacity funding.</p> <p>Funds will be spent to maintain the level of capacity for Administrative/Clerical personnel at Brown SWCD to complete the administration of the grant. Administration includes, but not limited to, required eLink reporting, oversight of staff development, purchasing supplies, updating the SWCD Board on grant activities, and coordinating software installation.</p>		
<p>Category</p>	<p>ADMINISTRATION/COORDINATION</p>		
<p>Start Date</p>	<p>25-Jan-16</p>	<p>End Date</p>	<p>29-Dec-16</p>
<p>Has Rates and Hours?</p>	<p>Yes</p>		
<p>Actual Results</p>	<p>Soil Erosion – 2016 Administration: Final Report</p> <p>*Funds have been expensed to this activity for the Office Administrator staff time at approximately 8hours per pay period. Work tasks included, but was not limited to, grant administration, eLINK reporting, oversight of staff development, timesheet and grant log management, coordinate the purchase of all additional supplies and equipment that were bought with portions of funding from this grant, and keeping the Board up to date on all grant activities and report.</p> <p>*Funds totaling \$7,050.00 were all expensed during 2016. This covered 196hours of staff time for the Office Administrator with 72hrs @ 35.53 billing rate and 124hrs @ 36.51 billing rate (an adjustment of 35.40 was made).</p> <p>*See grant log attachment for a detailed breakdown of monthly charges to the grant</p>		

Description

Soil Erosion - 2016 Cost Share Assistance

County Comprehensive Local Water Management Plan

Funds will be used to cost share the installation of practices consistent with the BWSR State Cost-Share Program Policy within areas of Brown County. Practices to include Water and Sediment Control Basins (638), Grassed Waterways (412), as well as other sediment, drainage management, and water retention projects and other practices as deemed applicable by the TSA or partner technicians.

Start Date

25-Jan-16

End Date

31-Dec-18

Has Rates and Hours? Yes

Actual Results

Soil Erosion – 2016 Cost Share Assistance: Final Report

*Funds totaling \$43,222.15 have been expensed to this workplan activity as of 12/31/18 for cost share projects and cost share technical and administrative expenses as noted below. Brown SWCD implemented one lined waterway project and five water and sediment control basin projects with these funds. Technical representatives for the projects were RCRCAs engineer, Bill Moldestad or SCTSA engineer, Ryan Jones. TA staff time charged to the grant was for project development, grant administration, and technical and administrative work for project management.

2016 - \$266.79

Doug Goodrich, District Manager - \$24.93, .5hours @49.85

Heather Hansen, District Technician – \$72.60, 2 hours @36.30

Jeremy Groskreutz, District Technician - \$45.96, 2 hours @22.98

Melanie Krueger, Admin. Asst. - \$73.02, 2 hours @36.51

Alan Gleisner, District Technician - \$50.28, 2 hours @25.14

2017 - \$18,981.11

Heather Hansen, District Technician – \$2,278.40, 64 hours @35.60

Jeremy Groskreutz, District Technician - \$327.50, 10 hours @32.75

Alan Gleisner, District Technician - \$617.07, 16.75 hours @36.84

Melanie Krueger, District Manager - \$878.06, 16 hours @41.81, 5 hours @41.82

RCRCA, Moldestad Engineering Services- \$749.63

Project Payments

\$5,441.29, CAPSE-FY16-01, Leo Hoffman, WASCORB

\$2,732.28, CAPSE-FY16-02, Laray Kral Living Trust, WASCORB

\$5,956.88, CAPSE-FY16-03, Gary Veenstra, WASCORB

2018 - \$23,974.25

Alan Gleisner, District Technician - \$1,196.71, 30 hours @39.89

Melanie Krueger, District Manager - \$840.06, 20 hours @42.83 less 16.54 adjustment

RCRCA, Moldestad Engineering Services - \$899.98

Project Payments

\$5,287.50, CAPSE-FY16-03, Cottonwood Township, Lined Waterway

\$12,000.00, CAPSE-FY16-04, Gary Veenstra, WASCORB

\$3,750.00, CAPSE-FY16-05, Gary Veenstra, WASCORB

*See grant log attachment for a detailed breakdown of monthly charges to the grant

Activity Action - CAPSE-FY16-01 Leo Hoffmann			
Practice	638 - Water and Sediment Control Basin	Count of Activities	1
Description	Installation of a Water & Sediment Control Basin in Cottonwood 22 as designed.		
Proposed Size / Units	1.00 COUNT	Lifespan	10 Years
Actual Size/Units	1.00 COUNT	Installed Date	17-May-17
Mapped Activities	1 Point(s)		

Final Indicator for CAPSE-FY16-01 Leo Hoffmann

Indicator Name	SEDIMENT (TSS)	Value	53
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	Other
Waterbody	28057 - Little Cottonwood		

Final Indicator for CAPSE-FY16-01 Leo Hoffmann

Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	63.95
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Other
Waterbody	28057 - Little Cottonwood		

Final Indicator for CAPSE-FY16-01 Leo Hoffmann

Indicator Name	SOIL (EST. SAVINGS)	Value	53
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	Other
Waterbody	28057 - Little Cottonwood		

Activity Action - CAPSE-FY16-02 Kral Trust			
Practice	638 - Water and Sediment Control Basin	Count of Activities	1
Description	Installation of a Water & Sediment Control Basin in Cottonwood 4 as designed.		
Proposed Size / Units	1.00 COUNT	Lifespan	10 Years
Actual Size/Units	1.00 COUNT	Installed Date	19-Jul-17
Mapped Activities	1 Point(s)		

Final Indicator for CAPSE-FY16-02 Kral Trust

Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	32.78
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Other
Waterbody	29001 - Cottonwood River		

Final Indicator for CAPSE-FY16-02 Kral Trust			
Indicator Name	SEDIMENT (TSS)	Value	28.5
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	Other
Waterbody	29001 - Cottonwood River		
Final Indicator for CAPSE-FY16-02 Kral Trust			
Indicator Name	SOIL (EST. SAVINGS)	Value	28.5
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	Other
Waterbody	29001 - Cottonwood River		

Activity Action - CAPSE-FY16-03 Gary Veenstra			
Practice	638 - Water and Sediment Control Basin	Count of Activities	1
Description	Installation of a Water & Sediment Control Basin in Stately 14 as designed.		
Proposed Size / Units	1.00 COUNT	Lifespan	10 Years
Actual Size/Units	1.00 COUNT	Installed Date	19-Jul-17
Mapped Activities	1 Point(s)		

Final Indicator for CAPSE-FY16-03 Gary Veenstra			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	27.89
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	29017/Mound Creek/Cottonwood River		

Final Indicator for CAPSE-FY16-03 Gary Veenstra			
Indicator Name	SEDIMENT (TSS)	Value	27.89
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	29017/Mound Creek/Cottonwood River		

Final Indicator for CAPSE-FY16-03 Gary Veenstra			
Indicator Name	SOIL (EST. SAVINGS)	Value	27.89
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	29017/Mound Creek/Cottonwood River		

Activity Action - CAPSE-FY16-03 Cottonwood Township			
Practice	468 - Lined Waterway or Outlet	Count of Activities	1
Description	Installation of a Lined Waterway project in Cottonwood 17 as designed.		
Proposed Size / Units	1.00 COUNT	Lifespan	10 Years
Actual Size/Units	1.00 COUNT	Installed Date	17-Jan-18
Mapped Activities	1 Line(s)		

Final Indicator for CAPSE-FY16-03 Cottonwood Township

Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	45.28
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	28057/28015-Little Cottonwood		

Final Indicator for CAPSE-FY16-03 Cottonwood Township

Indicator Name	SEDIMENT (TSS)	Value	39.38
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	28057/28015-Little Cottonwood		

Final Indicator for CAPSE-FY16-03 Cottonwood Township

Indicator Name	SOIL (EST. SAVINGS)	Value	39.38
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	28057/28015-Little Cottonwood		

Activity Action - CAPSE-FY16-04 Gary Veenstra			
Practice	638 - Water and Sediment Control Basin	Count of Activities	1
Description	Installation of a Water & Sediment Control Basin in Stately 14 as designed.		
Proposed Size / Units	1.00 COUNT	Lifespan	10 Years
Actual Size/Units	1.00 COUNT	Installed Date	14-Dec-18
Mapped Activities	1 Point(s)		

Final Indicator for CAPSE-FY16-04 Gary Veenstra

Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	28.05
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	29017/Mound Creek/Cottonwood River		

Final Indicator for CAPSE-FY16-04 Gary Veenstra			
Indicator Name	SOIL (EST. SAVINGS)	Value	28.05
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	29017/Mound Creek/Cottonwood River		
Final Indicator for CAPSE-FY16-04 Gary Veenstra			
Indicator Name	SEDIMENT (TSS)	Value	28.05
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	29017/Mound Creek/Cottonwood River		

Activity Action - CAPSE-FY16-05 Gary Veenstra			
Practice	638 - Water and Sediment Control Basin	Count of Activities	1
Description	Installation of a Water & Sediment Control Basin in Stately 23 as designed.		
Proposed Size / Units	1.00 COUNT	Lifespan	10 Years
Actual Size/Units	1.00 COUNT	Installed Date	14-Dec-18
Mapped Activities	1 Point(s)		

Final Indicator for CAPSE-FY16-05 Gary Veenstra			
Indicator Name	SEDIMENT (TSS)	Value	14.82
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	29017/Mound Creek/Cottonwood River		

Final Indicator for CAPSE-FY16-05 Gary Veenstra			
Indicator Name	SOIL (EST. SAVINGS)	Value	14.82
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	29017/Mound Creek/Cottonwood River		

Final Indicator for CAPSE-FY16-05 Gary Veenstra			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	14.82
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	29017/Mound Creek/Cottonwood River		

Grant Activity - Soil Erosion - 2016 GIS/Software Update/File Server

<p>Description</p>	<p>Soil Erosion - 2016 GIS/Software Update/File Server</p> <p>County Comprehensive Local Water Management Plan</p> <p>Funds will be used in conjunction with Buffer, Easement Delivery, and County funds to purchase hardware for a shared file server w/backup and offsite storage capabilities for better digital record keeping and tracking as well as a central storage for GIS data and project scenarios. The funds will also be used to add another ArcMap licence and upgrades to include spatial analyst on computers for LiDAR manipulation.</p>		
<p>Category</p>	<p>SUPPLIES/EQUIPMENT</p>		
<p>Start Date</p>	<p>25-Jan-16</p>	<p>End Date</p>	<p>30-Sep-16</p>
<p>Has Rates and Hours?</p>	<p>No</p>		
<p>Actual Results</p>	<p>Soil Erosion - 2016 GIS/Software Update/File Server: Final Report</p> <p>*Funds totaling \$4,100 were expensed to this activity during 2016 and were used towards the purchase of several GIS software licenses and a File Server for the Brown SWCD office as listed below.</p> <p>*File Server and backup drive were purchased in May and June of 2016 for a total of \$835.60, of which \$417.80 was expensed to this grant workplan category. Having this file server allows for a central storage capability of digital files within the Brown SWCD office.</p> <p>*GIS Software was purchased in April, July and September 2016 for a total of \$8,145.60, of which, \$3,682.20 was expensed to this grant workplan category. Software purchases consisted of 3 Spatial Analyst Extension licenses, 1 ArcGIS Desktop Basic license, and 2 ArcGIS Desktop license maintenance renewals to allow the existing ArcGIS software licenses within our office be brought up to date to match the new software licenses purchased.</p> <p>*See grant log attachment for a detailed breakdown of monthly charges to the grant</p>		

Grant Activity - Soil Erosion - 2016 Survey Grade Equipment/GPS Equipment

Description

Soil Erosion - 2016 Survey Grade Equipment/GPS Equipment

County Comprehensive Local Water Management Plan

Funds will be used in conjunction with Buffer, Easement Delivery, and County funds to purchase Survey Grade GPS equipment and tablets. The equipment will be compatible with the Area 6 TSA group for time savings in surveying. The equipment will also be used for buffer activities and easement boundary work.

Category

SUPPLIES/EQUIPMENT

Start Date

25-Jan-16

End Date

31-Jul-16

Has Rates and Hours?

No

Actual Results

Soil Erosion - 2016 Survey Grade Equipment/GPS Equipment: Final Report

*Funds totaling \$7,500 were expensed during 2016 to this workplan activity, as approved, towards the purchase of a tablet and gps equipment for the Brown SWCD as listed below.

*MS Surface Pro 4 Tablet system was purchased in July 2016 for a total of \$1,826.29, of which, \$750.00 was expensed to this grant workplan category. This tablet is and will be used for field work activities such as buffer measurements, easement boundary work, and photos of projects as well as other activities as deemed necessary by the District Technician staff while on site.

*Trimble Geo 7X gps/survey equipment kit system was purchased in July 2016 for a total of \$16,834.00, of which, \$6,750.00 was expensed to this grant workplan category. This equipment is compatible with the SCTSA group's equipment and will be used by SWCD staff for technical field work such as surveys and gps location marking of buffers, easements, and cost-share projects.

*See grant log attachment for a detailed breakdown of monthly charges to the grant

Grant Activity - Soil Erosion - 2016 Survey Vehicle/ATV/Trailer

<p>Description</p>	<p>Soil Erosion - 2016 Survey Vehicle/ATV/Trailer</p> <p>County Comprehensive Local Water Management Plan</p> <p>Funds will be used in conjunction with Buffer, Easement Delivery, and County funds to purchase a field vehicle (ATV) capable of holding two individuals and surveying equipment as well as a trailer. There will also be some money used for maintenance, etc. The equipment will also be used for cost share design and checkout work in remote locations work.</p>		
<p>Category</p>	<p>SUPPLIES/EQUIPMENT</p>		
<p>Start Date</p>	<p>25-Jan-16</p>	<p>End Date</p>	<p>30-Nov-16</p>
<p>Has Rates and Hours?</p>	<p>No</p>		
<p>Actual Results</p>	<p>Soil Erosion - 2016 Survey Vehicle/ATV/Trailer: Final Report</p> <p>*Funds totaling \$6,500 were expensed during 2016 to this workplan activity, as approved, towards the purchase of a Field Vehicle (ATV) and Trailer for the Brown SWCD as listed below.</p> <p>*2016 Can-AM Defender DPS HD8 (SSV) was purchased in October 2016 for a total of \$12,695.88, of which \$5,500 was expensed to this grant workplan category. This SSV field vehicle seats two people and has a box for hauling equipment in the field that is needed by the technicians for the work they are performing such as cost-share staking and surveying, buffer posting and mapping, and easement boundary and inspection and construction work.</p> <p>* 2017 Triton Enclosed Trailer was purchased in November 2016 for a total of \$5,632.72, of which, \$1,000.00 was expensed to this grant workplan category. This trailer is being used to haul the SSV to the field work site locations by District Technician staff as well as it serves as the storage facility for the SSV.</p> <p>*See grant log attachment for a detailed breakdown of monthly charges to the grant</p>		

Grant Activity - Soil Erosion - 2016 Technician

Description	Soil Erosion - 2016 Technician		
	Brown County Comprehensive Local Water Management Plan		
	<p>In June, in the advent of increased work load due to buffer, emergency fund, and other funding, a 1 FTE position was hired at Brown SWCD to be funded in part (at least 0.5 FTE) by the state AIS Funding the remaining half was covered by some county funds and the rest with district reserves. The increased capacity of this position was covered by depleting reserve funds in anticipation of the capacity funding.</p> <p>Funds will be used to maintain the capacity of the portion of this position formally covered by the reserve funding in 2015. The funds will go for a position of technicians capable of attaining appropriate technical certifications or hire technicians to work with landowners to implement conservation practices on property within Brown SWCD.</p>		
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date	25-Jan-16	End Date	31-Jan-17
Has Rates and Hours?	Yes		
Actual Results	<p>Soil Erosion – 2016 Technician: Final Report</p> <p>*Funds have been expensed to this activity for District Technician staff time hours. Work tasks included, but were not limited to, technical work and attending trainings related to technician work in order to attain technical certifications, project management, attending appropriate meetings with partners for projects and planning work, and technician work and learning in regards to implementing conservation practices and programs with brown county landowners.</p> <p>*Funds totaling \$5,625.00 were expensed during 2016 and 2017 as follows:</p> <p>2016: Heather Hansen, District Technician - \$5,460.25 (16hrs @33.85, 135.5hrs @36.30)</p> <p>2017: Heather Hansen, District Technician - \$164.75 (5hrs @35.60 less 13.25 adjustment)</p> <p>*See grant log attachment for a detailed breakdown of monthly charges to the grant</p>		

Grant Attachments

Document Name	Document Type	Description
2016 SWCD Local Capacity Services	Grant Agreement	2016 SWCD Local Capacity Services - Brown SWCD
2016 SWCD Local Capacity Services executed	Grant Agreement	2016 SWCD Local Capacity Services - Brown SWCD
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 03/26/2018

Document Name	Document Type	Description
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/02/2018
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/04/2019
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/31/2017
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 04/09/2018
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/08/2019
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 03/31/2017
Amendment executed	Grant Agreement	2016 SWCD Local Capacity Services - Brown SWCD
Brown SWCD Capacity Amendment_Signed by Chairman	Grant	2016 - SWCD Local Capacity Services (Brown SWCD)
FY16 Capacity Financial Report Signed	Grant	2016 - SWCD Local Capacity Services (Brown SWCD)
FY16 Capacity Grant All Detail Report as of 12/31/18	Grant	2016 - SWCD Local Capacity Services (Brown SWCD)
FY16 Capacity Grant Logs	Grant	2016 - SWCD Local Capacity Services (Brown SWCD)
FY16 Capacity Grant Reconciliation Financial Report	Grant	2016 - SWCD Local Capacity Services (Brown SWCD)
Financial Report	Grant	2016 - SWCD Local Capacity Services (Brown SWCD)
P16-7315 Checklist	Journal	Journal Dated - 08/18/2017
P16-7315 Reconciliation B Checklist	Journal	Journal Dated - 04/30/2018
SWCD Capacity Amendment - Brown SWCD.docx	Grant	2016 - SWCD Local Capacity Services (Brown SWCD)
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 05/05/2017
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 09/02/2016
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 08/31/2016
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 07/15/2016
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 11/30/2015
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 12/14/2015