



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

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

Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$120,337.00	\$90,110.78	\$30,226.22
Total Match Amount	\$0.00	\$0.00	\$0.00
Total Other Funds	\$0.00	\$0.00	\$0.00
Total	\$120,337.00	\$90,110.78	\$30,226.22

**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	\$9,312.88	12/31/2017	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	\$19,247.90	12/31/2017	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
638 - Water and Sediment Control Basin	2		1 COUNT	COUNT
468 - Lined Waterway or Outlet	1	1	1 COUNT	COUNT
580 - Streambank and Shoreline Protection	1	1	80 LINEAR FEET	LINEAR FEET
580 - Streambank and Shoreline Protection	1	2	185 LINEAR FEET	185 LINEAR FEET

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
638 - Water and Sediment Control Basin	3	3	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)	192.66	TONS/YR
PHOSPHORUS (EST. REDUCTION)	209.57	LBS/YR
SOIL (EST. SAVINGS)	192.66	TONS/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: as of 12/31/16</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>\$7,050.00 of staff time was expensed during 2016 as follows and the workplan category now has a zero balance. 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>		

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
Has Rates and Hours?	Yes	
Actual Results	<p>Riparian Zone Management – 2016 Cost Share Assistance: as of 12/31/17</p> <p>Funds totaling \$9,312.88 have been expensed to this workplan activity as of 12/31/17 for cost share projects and cost share technical and administrative expenses as noted below. Brown SWCD looked into several potential projects to fund and as of 12/31/17 two contracts were encumbered. One project has been complete and paid out and the second is complete and will be paid out in January 2018. Technical representative for both projects was RCRCRCA engineer, Bill Moldestad. TA staff time charged to the grant was for project development, grant administration, and technical and administrative work associated for projects.</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 (\$1,493.75 TA Staff Time, \$7,453.13 Project Payments) 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 for CAPRZM-FY16-01, Paul Tauer, Streambank Protection project completed 12/20/17</p> <p>*No funds have been expensed to pay engineers as of 12/31/17</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	<p>This is for an 80ft Streambank Protection project in Leavenworth 8.</p> <p>Project Status as of 12/31/17:</p> <ul style="list-style-type: none"> -Contract/funds were encumbered 9/20/17 -Construction was completed 12/2017 -Final payment is planned for January 2018. 		
Proposed Size / Units	80.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	LINEAR FEET	Installed Date	
Mapped Activities	1 Line(s)		

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		
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		

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: as of 12/31/16</p> <p>Funds totaling \$4,100 have been expensed to this activity and were used towards the purchase of several GIS software licenses and a File Server for the Brown SWCD office as listed below. All funds have been expensed and this workplan category now has a zero balance.</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 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>		

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: as of 12/31/16</p> <p>Funds totaling \$7,500 have been expensed to this workplan activity as approved towards the purchase of a tablet and gps equipment as listed below. All funds were expensed in July 2016 and this category now has a zero balance.</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>		

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>Has Rates and Hours?</p>	<p>No</p>	
<p>Actual Results</p>	<p>Riparian Zone Management - 2016 Survey Vehicle/ATV/Trailer: as of 12/31/16</p> <p>Funds totaling \$6,500 have been expensed to this workplan activity as approved towards the purchase of a Field Vehicle (ATV) and Trailer as listed below. All funds were expensed in October and November 2016 and this category now has a zero balance.</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>	

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: as of 12/31/17</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 attended trainings relating 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. \$5,214.95 of staff time was expensed to the grant during 2016 and \$410.05 was expensed to the grant in January 2017. All funds are expensed out as of 1/31/17 as follows:</p> <p>*Heather Hansen, District Technician - \$5,625.00; 156 hours total (5hrs @33.85, 139hrs @36.30, 12hrs @35.60)</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: as of 12/31/16</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>\$7,050.00 of staff time was expensed during 2016 as follows and the workplan category now has a zero balance. 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>		

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	
Has Rates and Hours?	Yes		
Actual Results	<p data-bbox="506 183 1188 215">Soil Erosion – 2016 Cost Share Assistance: as of 12/31/17</p> <p data-bbox="506 264 1969 500">Funds totaling \$19,427.90 have been expensed to this workplan activity as of 12/31/17 for cost share projects and cost share technical and administrative expenses as noted below. Brown SWCD looked into several potential projects to fund and as of 12/31/17 a total of six projects are being funded. 3 are complete and paid out, 1 is complete and will be paid out in January 2018, and 2 are encumbered and planned for spring 2018 construction. Technical representatives for the projects were RCRCA 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 associated with the projects.</p> <p data-bbox="506 548 688 581">2016 - \$266.79</p> <p data-bbox="506 589 1209 621">Doug Goodrich, District Manager - \$24.93, .5hours @49.85</p> <p data-bbox="506 630 1251 662">Heather Hansen, District Technician – \$72.60, 2 hours @36.30</p> <p data-bbox="506 670 1272 703">Jeremy Groskreutz, District Technician - \$45.96, 2 hours @22.98</p> <p data-bbox="506 711 1178 743">Melanie Krueger, Admin. Asst. - \$73.02, 2 hours @36.51</p> <p data-bbox="506 751 1209 784">Alan Gleisner, District Technician - \$50.28, 2 hours @25.14</p> <p data-bbox="506 833 1755 865">2017 - \$18,981.11 (\$4,101.03 TA Staff Time, \$749.63 TA Engineer Expense, \$14,130.45 Project Payments)</p> <p data-bbox="506 873 1293 906">Heather Hansen, District Technician – \$2,278.40, 64 hours @35.60</p> <p data-bbox="506 914 1293 946">Jeremy Groskreutz, District Technician - \$327.50, 10 hours @32.75</p> <p data-bbox="506 954 1272 987">Alan Gleisner, District Technician - \$617.07, 16.75 hours @36.84</p> <p data-bbox="506 995 1461 1027">Melanie Krueger, District Manager - \$878.06, 16 hours @41.81, 5 hours @41.82</p> <p data-bbox="506 1036 1094 1068">RCRCA, Moldestad Engineering Services- \$749.63</p> <p data-bbox="506 1076 1566 1109">Project Payment - \$5,441.29, CAPSE-FY16-01, Leo Hoffman, WASCOD completed 5/17/17</p> <p data-bbox="506 1117 1671 1149">Project Payment - \$2,732.28, CAPSE-FY16-02, Laray Kral Living Trust, WASCOD completed 7/19/17</p> <p data-bbox="506 1157 1587 1190">Project Payment - \$5,956.88, CAPSE-FY16-03, Gary Veenstra, WASCOD completed 7/19/17</p> <p data-bbox="506 1239 1167 1271">Projects encumbered but not complete as of 12/31/17:</p> <ul data-bbox="506 1279 1199 1401" style="list-style-type: none"> *CAPSE-FY16-03, Cottonwood Township, Lined Waterway *CAPSE-FY16-04, Gary Veenstra, WASCOD *CAPSE-FY16-05, Gary Veenstra, WASCOD 		

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
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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	This is for a Lined Waterway project in Cottonwood 17. Project Status as of 12/31/17: -Contract/funds were encumbered 10/18/17 -Construction was completed in 12/2017 -Final payment is planned for January 2018.		
Proposed Size / Units	1.00 COUNT	Lifespan	10 Years
Actual Size/Units	COUNT	Installed Date	
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	This is for a WASCOB project in Stately 14. Project Status as of 12/31/17: -Contract/funds were encumbered 12/20/17 -Construction is planned for Spring 2018		
Proposed Size / Units	1.00 COUNT	Lifespan	10 Years
Actual Size/Units	COUNT	Installed Date	
Mapped Activities	No		

Activity Action - CAPSE-FY16-05 Gary Veenstra			
Practice	638 - Water and Sediment Control Basin	Count of Activities	1
Description	This is for a WASCOB project in Stately 23. Project Status as of 12/31/17: -Contract/funds were encumbered 12/20/17 -Construction is planned for Spring 2018		
Proposed Size / Units	1.00 COUNT	Lifespan	10 Years
Actual Size/Units	COUNT	Installed Date	
Mapped Activities	No		

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: as of 12/31/16</p> <p>Funds totaling \$4,100 have been expensed to this activity and were used towards the purchase of several GIS software licenses and a File Server for the Brown SWCD office as listed below. All funds have been expensed and this workplan category now has a zero balance.</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 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>		

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: as of 12/31/16

Funds totaling \$7,500 have been expensed to this workplan activity as approved towards the purchase of a tablet and gps equipment as listed below. All funds were expensed in July 2016 and this category now has a zero balance.

*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.

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: as of 12/31/16</p> <p>Funds totaling \$6,500 have been expensed to this workplan activity as approved towards the purchase of a Field Vehicle (ATV) and Trailer as listed below. All funds were expensed in October and November 2016 and this category now has a zero balance.</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>		

Grant Activity - Soil Erosion - 2016 Technician

Description	Soil Erosion - 2016 Technician		
	Brown County Comprehensive Local Water Management Plan		
Category	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.		
	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.		
Start Date	25-Jan-16	End Date	31-Jan-17
Has Rates and Hours?	Yes		
Actual Results	Soil Erosion – 2016 Technician: as of 12/31/17		
	<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 attended trainings relating 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>\$5,460.25 of staff time was expensed to the grant during 2016 and \$164.75 was expensed to the grant in January 2017. All funds are expensed out as of 1/31/17 as follows:</p> <p>*Heather Hansen, District Technician - \$5,625.00; 156.5 hours total (16hrs @33.85, 135.5hrs @36.30, 5hrs @35.60)</p>		

Grant Attachments

Document Name	Document Type	Description
2016 SWCD Local Capacity Services	Grant Agreement	2016 SWCD Local Capacity Services - Brown SWCD

Document Name	Document Type	Description
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 - 02/02/2018
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 03/26/2018
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/31/2017
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)
Financial Report	Grant	2016 - SWCD Local Capacity Services (Brown SWCD)
P16-7315 Checklist	Journal	Journal Dated - 08/18/2017
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