Grant All-Detail Report
Projects and Practices 2015

Grant Title - Buffalo Red Shallow Lakes and Mainstem Improvement Strategy
Grant ID - C15-2974
Organization - Becker SWCD

Grant Awarded Amount	**$398,000.00**	**Grant Execution Date**	**3/23/2015**
Required Match Amount	$99,500.00	**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	$398,000.00	$257,599.43	$140,400.57
Total Match Amount	$308,600.00	$264,823.76	$43,776.24
Total Other Funds	$131,944.98	$127,371.71	$4,573.27
Total	**$838,544.98**	**$649,794.90**	**$188,750.08**

**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
28-2013 Hendrickson, Darwin WSCB & underground outlet	Agricultural Practices	Current State Grant	Buffalo Red Shallow Lakes and Mainstem Improvement Strategy	$40,770.77	$40,770.77	11/19/2015	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Match
28-2013 Hendrickson, Darwin WSCB & underground outlet	Agricultural Practices	Other Funds	2013 - Clean Water Assistance Grant - Becker (SWCD)	$29,846.23	$29,846.23	11/19/2015	N
28-2013 Hendrickson, Darwin WSCB & underground outlet	Agricultural Practices	Other Funds	EQIP	$42,000.00	$40,710.00	11/19/2015	Y
CWL-10-BR linked with 29-2013 Hein, Bruce WSCB, underground outlet and subsurface drain	Agricultural Practices	Current State Grant	Buffalo Red Shallow Lakes and Mainstem Improvement Strategy	$3,396.00	$3,396.00	1/21/2016	N
CWL-10-BR linked with 29-2013 Hein, Bruce WSCB, underground outlet and subsurface drain	Agricultural Practices	Other Funds	2013 - Clean Water Assistance Grant - Becker (SWCD)	$8,896.00	$8,896.00	11/19/2015	N
CWL-10-BR linked with 29-2013 Hein, Bruce WSCB, underground outlet and subsurface drain	Agricultural Practices	Other Funds	EQIP	$19,691.96	$19,691.96	11/1/2015	Y
CWL-11-BR linked with 33-2013 Norma (Bruce) Nelson Filter Strip & Incentive	Agricultural Practices	Current State Grant	Buffalo Red Shallow Lakes and Mainstem Improvement Strategy	$31.73	$31.73	12/16/2015	N
CWL-11-BR linked with 33-2013 Norma (Bruce) Nelson Filter Strip & Incentive	Agricultural Practices	Other Funds	2013 - Clean Water Assistance Grant - Becker (SWCD)	$8,748.81	$8,748.81	12/16/2015	N
CWL-11-BR linked with 33-2013 Norma (Bruce) Nelson Filter Strip & Incentive	Agricultural Practices	Other Funds	CRP	$4,899.00	$1,615.73	12/16/2015	Y
CWL-7-BR linked with 19-2013 Lunde, Kevin Grade Stab	Agricultural Practices	Current State Grant	Buffalo Red Shallow Lakes and Mainstem Improvement Strategy	$38,586.37	$38,586.37	12/16/2015	N
CWL-7-BR linked with 19-2013 Lunde, Kevin Grade Stab	Agricultural Practices	Other Funds	2013 - Clean Water Assistance Grant - Becker (SWCD)	$17,862.98	$17,862.98	12/16/2015	N
CWL-7-BR linked with 19-2013 Lunde, Kevin Grade Stab	Agricultural Practices	Other Funds	EQIP denied	$0.00			Y

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Match
Filter Strip Practices	Agricultural Practices	Current State Grant	Buffalo Red Shallow Lakes and Mainstem Improvement Strategy	$119,968.27	$60,511.52	11/23/2016	N
Filter Strip Practices	Agricultural Practices	Federal Funds	CRP / EQIP	$34,400.00	$32,427.50	11/23/2016	Y
Filter Strip Practices	Agricultural Practices	Local Fund	Buffalo Red River Watershed Dist	$30,000.00	$30,000.00	9/12/2016	Y
Grant Administration	Administration /Coordination	Current State Grant	Buffalo Red Shallow Lakes and Mainstem Improvement Strategy	$16,200.00	$4,386.12	12/31/2016	N
Project Development	Project Development	Current State Grant	Buffalo Red Shallow Lakes and Mainstem Improvement Strategy	$34,500.00	$13,982.18	12/31/2016	N
Technical Assistance	Technical/Engineering Assistance	Current State Grant	Buffalo Red Shallow Lakes and Mainstem Improvement Strategy	$60,100.00	$42,684.27	12/31/2016	N
Water and Sediment Control	Agricultural Practices	Current State Grant	Buffalo Red Shallow Lakes and Mainstem Improvement Strategy	$84,446.86	$53,250.47	12/21/2016	N
Water and Sediment Control	Agricultural Practices	Federal Funds	EQIP	$159,200.00	$156,551.94	12/21/2016	Y
Water and Sediment Control	Agricultural Practices	Landowner Fund	Landowner Contribution	$35,000.00	$29,673.32	12/21/2016	Y
Water and Sediment Control	Agricultural Practices	Local Fund	Buffalo Red River Watershed Dist	$50,000.00	$16,171.00	12/21/2016	Y

Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
393 - Filter Strip	1	2	15.8 AC	15.8 AC
393 - Filter Strip	1	1	4.1 AC	4.1 AC

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
393 - Filter Strip	3	3	18.2 AC	18.2 AC
638 - Water and Sediment Control Basin	61	47	1 COUNT	1 COUNT
412 - Grassed Waterway and Swales	1	1	1233 LINEAR FEET	1233 LINEAR FEET
342 - Critical Area Planting	1	1	3.5 AC	3.5 AC
393 - Filter Strip	1	1	15.7 AC	15.7 AC
342 - Critical Area Planting	1	1	0.02 AC	0.02 AC
393 - Filter Strip	1	0	15.84 AC	15.84 AC
410 - Grade Stabilization Structure	3	3	1 COUNT	1 COUNT

Proposed Activity Indicators

Activity Name	Indicator Name	Value & Units	Waterbody	Calculation Tool	Comments
Filter Strip Implementation	PHOSPHORUS (EST. REDUCTION)	213.17 LBS/YR	Impaired Lakes	BWSR CALC (FILTER STRIP)	Combination of IWI/ BWSR Filter Strip & RUSLE2
Water and Sediment Control	PHOSPHORUS (EST. REDUCTION)	1105 LBS/YR	Impaired Lakes / BR Mainstem	Other	Combination of IWI/ BWSR Sheet Rill / RUSLE2
Filter Strip Implementation	SOIL (EST. SAVINGS)	169.2 TONS/YR	Impaired Lakes	Other	Combination of IWI/ BWSR Filter Strip & RUSLE2
Water and Sediment Control	SOIL (EST. SAVINGS)	1271 TONS/YR	Impaired Lakes / BR Mainstem	Other	Combination of IWI/ BWSR Sheet Rill / RUSLE2
Filter Strip Implementation	SEDIMENT (TSS)	127.8 TONS/YR	Impaired Lakes	Other	Combination of IWI/ BWSR Filter Strip & RUSLE2
Water and Sediment Control	SEDIMENT (TSS)	962 TONS/YR	Impaired Lakes/ BR Mainstem	Other	Combination of IWI/ BWSR Sheet Rill / RUSLE2

Final Indicators Summary

Indicator Name	Total Value	Unit
BOD 5	19.85	LBS/YR
SEDIMENT (TSS)	890.49	TONS/YR
PHOSPHORUS (EST. REDUCTION)	1,086.07	LBS/YR

SOIL (EST. SAVINGS)	941.19	TONS/YR

Grant Activity

Grant Activity - 28-2013 Hendrickson, Darwin WSCB & underground outlet			
Description	CWL-8-BR linked with 28-2013 Hendrickson, Darwin WSCB & underground outlet		
Category	AGRICULTURAL PRACTICES		
Start Date	21-Jan-15	**End Date**	19-Nov-15
Has Rates and Hours?	No		
Actual Results	Installed 15 Water and Sediment Control Basins on cropland that drains to Marshall and Canary Lakes		

Activity Action - CWL-28-2013 Darwin Hendrickson			
Practice	638 - Water and Sediment Control Basin	**Count of Activities**	15
Description	15 WASCOBs installed on cropland that drains to Marshall and Canary Lakes		
Proposed Size / Units	1.00 COUNT	**Lifespan**	15 Years
Actual Size/Units	1.00 COUNT	**Installed Date**	19-Nov-15
Mapped Activities	15 Point(s)		

Final Indicator for CWL-28-2013 Darwin Hendrickson			
Indicator Name	SOIL (EST. SAVINGS)	**Value**	233.45
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	**Calculation Tool**	BWSR CALC (GULLY STABILIZATION)
Waterbody	Marshall and Canary Lake		

Final Indicator for CWL-28-2013 Darwin Hendrickson			
Indicator Name	SEDIMENT (TSS)	**Value**	175.11
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	**Calculation Tool**	BWSR CALC (GULLY STABILIZATION)
Waterbody	Marshall and Canary Lake		

Final Indicator for CWL-28-2013 Darwin Hendrickson			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	**Value**	201.38
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	**Calculation Tool**	BWSR CALC (GULLY STABILIZATION)
Waterbody	Marshall and Canary Lake		

Grant Activity - CWL-10-BR linked with 29-2013 Hein, Bruce WSCB, underground outlet and subsurface drain			
Description	29-2013 Hein, Bruce WSCB, underground outlet and subsurface drain		
Category	AGRICULTURAL PRACTICES		
Start Date	21-Jan-15	**End Date**	19-Nov-15
Has Rates and Hours?	No		
Actual Results	4 WASCOBs installed on cropland that drains to Marshall Lake		

Activity Action - Bruce Hein, WSCB			
Practice	638 - Water and Sediment Control Basin	**Count of Activities**	4
Description	4 WASCOBs that drain to Marshall Lake		
Proposed Size / Units	1.00 COUNT	**Lifespan**	15 Years
Actual Size/Units	1.00 COUNT	**Installed Date**	19-Nov-15
Mapped Activities	8 Point(s)		

Final Indicator for Bruce Hein, WSCB			
Indicator Name	SOIL (EST. SAVINGS)	**Value**	47.6
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	**Calculation Tool**	BWSR CALC (GULLY STABILIZATION)
Waterbody	Marshall Lake		

Final Indicator for Bruce Hein, WSCB			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	**Value**	35.43
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	**Calculation Tool**	BWSR CALC (GULLY STABILIZATION)
Waterbody	Marshall Lake		

Final Indicator for Bruce Hein, WSCB			
Indicator Name	SEDIMENT (TSS)	**Value**	30.8
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	**Calculation Tool**	BWSR CALC (GULLY STABILIZATION)
Waterbody	Marshall Lake		

Grant Activity - CWL-11-BR linked with 33-2013 Norma (Bruce) Nelson Filter Strip & Incentive			
Description	33-2013 Norma (Bruce) Nelson Filter Strip & Incentive		
Category	AGRICULTURAL PRACTICES		
Start Date	23-Sep-15	End Date	16-Dec-15
Has Rates and Hours?	No		
Actual Results	15.8 acres of Buffer strips established		

Activity Action - Bruce Nelson buffer strip/critical area seeding			
Practice	393 - Filter Strip	Count of Activities	1
Description	critical area seeding and buffer strips established		
Proposed Size / Units	15.80 AC	Lifespan	15 Years
Actual Size/Units	15.80 AC	Installed Date	1-Nov-15
Mapped Activities	2 Polygon(s)		

Final Indicator for Bruce Nelson buffer strip/critical area seeding			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	35.22
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	Boyer Lake		
Final Indicator for Bruce Nelson buffer strip/critical area seeding			
Indicator Name	SEDIMENT (TSS)	Value	20.45
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	Boyer Lake		
Final Indicator for Bruce Nelson buffer strip/critical area seeding			
Indicator Name	SOIL (EST. SAVINGS)	Value	61.62
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	Boyer Lake		

Grant Activity - CWL-7-BR linked with 19-2013 Lunde, Kevin Grade Stab			
Description	19-2013 Lunde, Kevin Grade Stab		
Category	AGRICULTURAL PRACTICES		
Start Date	16-Jan-14	**End Date**	16-Dec-15
Has Rates and Hours?	No		
Actual Results	Grade Stabilization Structure installed on tributary to Hay Creek. Activity linked to 2015 BR-7.		

Activity Action - Kevin Lunde Grade Stabilization			
Practice	410 - Grade Stabilization Structure	**Count of Activities**	1
Description	Grade stabilization structure installed on tributary to Hay Creek		
Proposed Size / Units	1.00 COUNT	**Lifespan**	10 Years
Actual Size/Units	1.00 COUNT	**Installed Date**	18-Nov-15
Mapped Activities	2 Point(s)		

Final Indicator for Kevin Lunde Grade Stabilization			
Indicator Name	SEDIMENT (TSS)	**Value**	16.54
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	**Calculation Tool**	BWSR CALC (GULLY STABILIZATION)
Waterbody	Hay Creek		

Final Indicator for Kevin Lunde Grade Stabilization			
Indicator Name	SOIL (EST. SAVINGS)	**Value**	33.08
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	**Calculation Tool**	BWSR CALC (GULLY STABILIZATION)
Waterbody	Hay Creek		

Final Indicator for Kevin Lunde Grade Stabilization			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	**Value**	19.02
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	**Calculation Tool**	BWSR CALC (GULLY STABILIZATION)
Waterbody	Hay Creek		

Grant Activity - Filter Strip Practices			
Description	Utilizing WQDSA data and field reconnaissance, Becker and Clay SWCD will target prioritized areas demonstrating the greatest benefit to public waters and implement a minimum of 80 acres of perennial vegetative buffers, filter strips or waterways.		
Category	AGRICULTURAL PRACTICES		
Start Date	25-Mar-15	**End Date**	
Has Rates and Hours?	No		
Actual Results	Installed 5 filter strips as of 11/22/16.		

Activity Action - CWL-1-BR Loren Jetvig			
Practice	393 - Filter Strip	**Count of Activities**	3
Description	3 buffer strips established		
Proposed Size / Units	18.20 AC	**Lifespan**	10 Years
Actual Size/Units	18.20 AC	**Installed Date**	4-Jun-15
Mapped Activities	3 Polygon(s)		

Final Indicator for CWL-1-BR Loren Jetvig			
Indicator Name	SOIL (EST. SAVINGS)	**Value**	7.1
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	**Calculation Tool**	BWSR CALC (FILTER STRIP)
Waterbody	sec 16 shallow lake		
Final Indicator for CWL-1-BR Loren Jetvig			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	**Value**	18.25
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	**Calculation Tool**	BWSR CALC (FILTER STRIP)
Waterbody	Labelle Lake		
Final Indicator for CWL-1-BR Loren Jetvig			
Indicator Name	SOIL (EST. SAVINGS)	**Value**	57.72
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	**Calculation Tool**	BWSR CALC (FILTER STRIP)
Waterbody	Duck Lake		
Final Indicator for CWL-1-BR Loren Jetvig			
Indicator Name	SEDIMENT (TSS)	**Value**	101.41
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	**Calculation Tool**	BWSR CALC (FILTER STRIP)
Waterbody	Duck Lake		

Final Indicator for CWL-1-BR Loren Jetvig			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	**Value**	148.87
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	**Calculation Tool**	BWSR CALC (FILTER STRIP)
Waterbody	Duck Lake		

Final Indicator for CWL-1-BR Loren Jetvig			
Indicator Name	SEDIMENT (TSS)	**Value**	12.46
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	**Calculation Tool**	BWSR CALC (FILTER STRIP)
Waterbody	Labelle Lake		

Final Indicator for CWL-1-BR Loren Jetvig			
Indicator Name	SOIL (EST. SAVINGS)	**Value**	6.24
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	**Calculation Tool**	BWSR CALC (FILTER STRIP)
Waterbody	Labelle Lake		

Final Indicator for CWL-1-BR Loren Jetvig			
Indicator Name	SEDIMENT (TSS)	**Value**	33.74
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	**Calculation Tool**	BWSR CALC (FILTER STRIP)
Waterbody	sec 16 shallow lake		

Final Indicator for CWL-1-BR Loren Jetvig			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	**Value**	48.81
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	**Calculation Tool**	BWSR CALC (FILTER STRIP)
Waterbody	sec 16 shallow lake		

Activity Action - CWL-9-BR Darwin Hendrickson			
Practice	393 - Filter Strip	**Count of Activities**	1
Description	Filter Strip on Canary Lake		
Proposed Size / Units	4.10 AC	**Lifespan**	10 Years
Actual Size/Units	4.10 AC	**Installed Date**	19-Nov-15
Mapped Activities	1 Polygon(s)		

Final Indicator for CWL-9-BR Darwin Hendrickson			
Indicator Name	SOIL (EST. SAVINGS)	**Value**	15.99
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	**Calculation Tool**	BWSR CALC (FILTER STRIP)
Waterbody	Canary Lake		

Final Indicator for CWL-9-BR Darwin Hendrickson			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	**Value**	12.83
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	**Calculation Tool**	BWSR CALC (FILTER STRIP)
Waterbody	Canary Lake		

Final Indicator for CWL-9-BR Darwin Hendrickson			
Indicator Name	SEDIMENT (TSS)	Value	8.12
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	Canary Lake		

Activity Action - CWL-11-BR Norma (Bruce) Nelson			
Practice	393 - Filter Strip	Count of Activities	1
Description	Linked to CWL-2013-33,. Mapping and pollution reduction reported on linked activity		
Proposed Size / Units	15.84 AC	Lifespan	10 Years
Actual Size/Units	15.84 AC	Installed Date	1-Aug-15
Mapped Activities	No		

Activity Action - CWL-20-BR Mandy Erickson			
Practice	342 - Critical Area Planting	Count of Activities	1
Description	shoreline buffer on Canary Lake		
Proposed Size / Units	0.02 AC	Lifespan	15 Years
Actual Size/Units	0.02 AC	Installed Date	18-Jul-16
Mapped Activities	1 Polygon(s)		

Final Indicator for CWL-20-BR Mandy Erickson			
Indicator Name	SEDIMENT (TSS)	Value	1.28
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Canary Lake		

Final Indicator for CWL-20-BR Mandy Erickson			
Indicator Name	SOIL (EST. SAVINGS)	Value	1.28
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Canary Lake		

Final Indicator for CWL-20-BR Mandy Erickson			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	1.28
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Canary Lake		

Activity Action - CWL-15-BR Poling & Fahrlander			
Practice	342 - Critical Area Planting	**Count of Activities**	1
Description	filter strip and shoreline stabilization on LaBelle Lake		
Proposed Size / Units	3.50 AC	**Lifespan**	15 Years
Actual Size/Units	3.50 AC	**Installed Date**	17-Jul-16
Mapped Activities	1 Polygon(s)		

Final Indicator for CWL-15-BR Poling & Fahrlander			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	**Value**	5.32
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	**Calculation Tool**	BWSR CALC (FILTER STRIP)
Waterbody	LaBelle Lake		
Final Indicator for CWL-15-BR Poling & Fahrlander			
Indicator Name	SOIL (EST. SAVINGS)	**Value**	5.25
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	**Calculation Tool**	BWSR CALC (FILTER STRIP)
Waterbody	LaBelle Lake		
Final Indicator for CWL-15-BR Poling & Fahrlander			
Indicator Name	SEDIMENT (TSS)	**Value**	2.86
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	**Calculation Tool**	BWSR CALC (FILTER STRIP)
Waterbody	LaBelle Lake		
Final Indicator for CWL-15-BR Poling & Fahrlander			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	**Value**	40.25
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	**Calculation Tool**	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	LaBelle Lake		
Final Indicator for CWL-15-BR Poling & Fahrlander			
Indicator Name	SEDIMENT (TSS)	**Value**	35
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	**Calculation Tool**	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Labelle Lake		
Final Indicator for CWL-15-BR Poling & Fahrlander			
Indicator Name	SOIL (EST. SAVINGS)	**Value**	35
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	**Calculation Tool**	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Labelle Lake		

Activity Action - CWL-13-BR Jesse Ullrich			
Practice	393 - Filter Strip	Count of Activities	1
Description	installed filter strip		
Proposed Size / Units	15.70 AC	Lifespan	10 Years
Actual Size/Units	15.70 AC	Installed Date	23-Nov-16
Mapped Activities	1 Polygon(s)		

Final Indicator for CWL-13-BR Jesse Ullrich			
Indicator Name	SEDIMENT (TSS)	Value	163
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	Hay Creek		

Final Indicator for CWL-13-BR Jesse Ullrich			
Indicator Name	SOIL (EST. SAVINGS)	Value	47
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	Hay Creek		

Final Indicator for CWL-13-BR Jesse Ullrich			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	233
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	Hay Creek		

Activity Action - CWL-14-BR Curt Ullrich			
Practice	412 - Grassed Waterway and Swales	Count of Activities	1
Description	Grass Waterway Construction		
Proposed Size / Units	1,233.00 LINEAR FEET	Lifespan	15 Years
Actual Size/Units	1,233.00 LINEAR FEET	Installed Date	6-Sep-16
Mapped Activities	1 Polygon(s)		

Final Indicator for CWL-14-BR Curt Ullrich			
Indicator Name	SOIL (EST. SAVINGS)	Value	17.26
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Hay Creek		

Final Indicator for CWL-14-BR Curt Ullrich			
Indicator Name	BOD 5	Value	19.85

Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	**Calculation Tool**	BWSR CALC (GULLY STABILIZATION)
Waterbody	Hay Creek		
Final Indicator for CWL-14-BR Curt Ullrich			
Indicator Name	SEDIMENT (TSS)	**Value**	17.26
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	**Calculation Tool**	BWSR CALC (GULLY STABILIZATION)
Waterbody	Hay Creek		

Grant Activity - Grant Administration			
Description	District Administrator and Administrative Assistant will administer Project funds, coordinate activities, prepare contracts, track match and expenditures, complete vouchers and payments, assure that all appropriate FY 15 BWSR Clean Water Fund Policies are followed and fulfill reporting requirements in Elink.		
Category	ADMINISTRATION/COORDINATION		
Start Date	25-Mar-15	**End Date**	
Has Rates and Hours?	Yes		
Actual Results	Admin duties pertaining to the grant were completed including voucher payments, time tracking and eLINK reporting.		

Grant Activity - Project Development			
Description	Becker and Clay SWCD staff will conduct Targeted Mailings, meet with individual landowners, host 2 Cafe Meeting Forums, provide printed & multi-media materials, hold 3 mufti-agency Planning sessions with WD, DNR, and NRCS. Project development funds will also be used to conduct cursory field investigations and for SWCD and TSA staff to evaluate project feasibility, draft conceptual plans and provide preliminary cost estimates prior to developing program contracts.		
Category	PROJECT DEVELOPMENT		
Start Date	25-Mar-15	**End Date**	
Has Rates and Hours?	Yes		
Actual Results	Completed one landowner informative meeting; 2 multi-agency planning sessions; and a multitude of materials and mailings. Staff developed design plans and cost estimates.		

Grant Activity - Technical Assistance			
Description	Becker SWCD's District Technican and Engineering Technician, Clay SWCD technicians and qualified NRCS field office staff will perform site assessments and soil investigations, assist landowners with developing conservation plans and practice designs, coordinate contractors, survey and stake planned practices, supervise construction and complete as-built designs for 65 water and sediment control basins and a minimum of 80 acres of filter strips, buffers and/or grassed waterways. Qualified staff will develop Operation and Maintenance plans for each practice implemented. For practices where in-house TAA is insufficient or when workload warrants the SWCDs will utilize TSA 1's Non-Point Engineering Assistance staff for practice design and construction supervision. For filter strips/buffers/waterways implemented under the CWL Working Lands Buffer Incentive Program, the SWCDs will be provided an up-front payment of $200.00 per contract in exchange for conducting inspections years 1, 3,5 and 9.		
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date	25-Mar-15	**End Date**	
Has Rates and Hours?	Yes		
Actual Results	Technical staff assisted with design practices and install and coordinated with project contractors. As-built designs were completed and operation/maintenance plans were established.		

Grant Activity - Water and Sediment Control			
Description	Utilizing WQDSA data and field reconnaissance, Becker and Clay SWCD will work with local NRCS staff as well as Buffalo Red River Watershed District to implement 65 water and sediment control basins and/or grade stabilization structures in prioritized areas that demonstrate the greatest benefit to public waters. NRCS will provide a minimum of 159,200 in funding assistance via the EQIP program. Buffalo-Red River Watershed District will provide 50,000 in funding assistance directly to landowners participating in the implementation of the BMPS targeted in the project area. Cost-sharing assistance for these structural practices will be structured as follows: For Producers or Landowners implementing all recommended practices, all fund sources will be combined to provide 90% of estimated project costs. Those implementing a majority of prescribed practices shall be eligible for up to 75% cost-sharing provided they are meeting tolerable soil loss for the field and can demonstrate a contribution to the overall pollution reduction goals for the project area. All practices will be designed and implemented according to the standards set forth in the USDA-NRCS EFOTG.		
Category	AGRICULTURAL PRACTICES		
Start Date	25-Mar-15	**End Date**	
Has Rates and Hours?	No		
Actual Results	Installed 24 water & sediment control basins as of 11/22/16 and 2 grade stabilizations.		

Activity Action - CWL-3-BR Bruce Nelson			
Practice	638 - Water and Sediment Control Basin	**Count of Activities**	3
Description	3 WASCOBs installed		
Proposed Size / Units	1.00 COUNT	**Lifespan**	15 Years
Actual Size/Units	1.00 COUNT	**Installed Date**	19-Nov-15
Mapped Activities	3 Point(s)		

Final Indicator for CWL-3-BR Bruce Nelson			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	**Value**	35.22

Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	**Calculation Tool**	BWSR CALC (GULLY STABILIZATION)
Waterbody	Boyer Lake		
Final Indicator for CWL-3-BR Bruce Nelson			
Indicator Name	SEDIMENT (TSS)	**Value**	30.63
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	**Calculation Tool**	BWSR CALC (GULLY STABILIZATION)
Waterbody	Boyer Lake		
Final Indicator for CWL-3-BR Bruce Nelson			
Indicator Name	SOIL (EST. SAVINGS)	**Value**	61.25
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	**Calculation Tool**	BWSR CALC (GULLY STABILIZATION)
Waterbody	Boyer Lake		

Activity Action - CWL-4-BR Gary Myers			
Practice	638 - Water and Sediment Control Basin	**Count of Activities**	1
Description	Construction of a Water & sediment control basin to treat gully erosion area adjacent to Hay Creek		
Proposed Size / Units	1.00 COUNT	**Lifespan**	15 Years
Actual Size/Units	1.00 COUNT	**Installed Date**	19-Nov-15
Mapped Activities	1 Point(s)		

Final Indicator for CWL-4-BR Gary Myers			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	**Value**	9.42
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	**Calculation Tool**	BWSR CALC (GULLY STABILIZATION)
Waterbody	Stinking Lake		
Final Indicator for CWL-4-BR Gary Myers			
Indicator Name	SOIL (EST. SAVINGS)	**Value**	8.19
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	**Calculation Tool**	BWSR CALC (GULLY STABILIZATION)
Waterbody	Stinking Lake		
Final Indicator for CWL-4-BR Gary Myers			
Indicator Name	SEDIMENT (TSS)	**Value**	8.19
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	**Calculation Tool**	BWSR CALC (GULLY STABILIZATION)

Waterbody	Stinking Lake

Activity Action - CWL-5-BR Kevan Nelson			
Practice	638 - Water and Sediment Control Basin	Count of Activities	2
Description	2 WASCOBs installed		
Proposed Size / Units	1.00 COUNT	Lifespan	15 Years
Actual Size/Units	1.00 COUNT	Installed Date	13-Nov-15
Mapped Activities	2 Point(s)		

Final Indicator for CWL-5-BR Kevan Nelson			
Indicator Name	SOIL (EST. SAVINGS)	Value	39.76
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Hay Creek		

Final Indicator for CWL-5-BR Kevan Nelson			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	16
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Hay Creek		

Final Indicator for CWL-5-BR Kevan Nelson			
Indicator Name	SEDIMENT (TSS)	Value	13.92
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Hay Creek		

Activity Action - CWL-5-BR Kevan Nelson			
Practice	410 - Grade Stabilization Structure	Count of Activities	1
Description	Grade Stabilization Structure		
Proposed Size / Units	1.00 COUNT	Lifespan	15 Years
Actual Size/Units	1.00 COUNT	Installed Date	13-Nov-15
Mapped Activities	1 Point(s)		

Final Indicator for CWL-5-BR Kevan Nelson			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	27.05

Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	**Calculation Tool**	BWSR CALC (GULLY STABILIZATION)
Waterbody	Shallow Lake		
Final Indicator for CWL-5-BR Kevan Nelson			
Indicator Name	SOIL (EST. SAVINGS)	**Value**	67.2
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	**Calculation Tool**	BWSR CALC (GULLY STABILIZATION)
Waterbody	Shallow Lake		
Final Indicator for CWL-5-BR Kevan Nelson			
Indicator Name	SEDIMENT (TSS)	**Value**	23.52
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	**Calculation Tool**	BWSR CALC (GULLY STABILIZATION)
Waterbody	Shallow Lake		

Activity Action - CWL-7-BR Kevin Lunde			
Practice	410 - Grade Stabilization Structure	**Count of Activities**	1
Description	Practice mapping, pollution reductions, and details are reported under CWL-2013-19		
Proposed Size / Units	1.00 COUNT	**Lifespan**	15 Years
Actual Size/Units	1.00 COUNT	**Installed Date**	18-Nov-15
Mapped Activities	No		

Activity Action - CWL-8-BR Darwin Hendrickson			
Practice	638 - Water and Sediment Control Basin	**Count of Activities**	15
Description	linked to CWL-28-2013		
Proposed Size / Units	1.00 COUNT	**Lifespan**	15 Years
Actual Size/Units	1.00 COUNT	**Installed Date**	19-Nov-15
Mapped Activities	No		

Activity Action - CWL-10-BR Bruce Hein			
Practice	638 - Water and Sediment Control Basin	Count of Activities	2
Description	Linked to CWL-2013-29, final pymt to project		
Proposed Size / Units	1.00 COUNT	Lifespan	15 Years
Actual Size/Units	1.00 COUNT	Installed Date	19-Nov-15
Mapped Activities	No		

Activity Action - CWL-12-BR Bruce Nelson			
Practice	638 - Water and Sediment Control Basin	Count of Activities	1
Description	WASCOB installed		
Proposed Size / Units	1.00 COUNT	Lifespan	15 Years
Actual Size/Units	1.00 COUNT	Installed Date	23-Apr-16
Mapped Activities	1 Point(s)		

Final Indicator for CWL-12-BR Bruce Nelson			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	19.32
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Trib to Hay Creek		
Final Indicator for CWL-12-BR Bruce Nelson			
Indicator Name	SOIL (EST. SAVINGS)	Value	16.8
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Trib. to Hay Creek		
Final Indicator for CWL-12-BR Bruce Nelson			
Indicator Name	SEDIMENT (TSS)	Value	16.8
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Trib. to Hay Creek		

Activity Action - CWL-16-BR Mattson Bros Inc			
Practice	638 - Water and Sediment Control Basin	Count of Activities	6
Description	6 WASCOBs installed with 3000 feet of underground outlet		
Proposed Size / Units	1.00 COUNT	Lifespan	15 Years
Actual Size/Units	1.00 COUNT	Installed Date	8-Nov-16
Mapped Activities	6 Point(s)		

Final Indicator for CWL-16-BR Mattson Bros Inc			
Indicator Name	SEDIMENT (TSS)	Value	56.8
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Buffalo River		

Final Indicator for CWL-16-BR Mattson Bros Inc			
Indicator Name	SOIL (EST. SAVINGS)	Value	56.8
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Buffalo River		

Final Indicator for CWL-16-BR Mattson Bros Inc			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	56.8
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Buffalo River		

Activity Action - CWL-18-BR Kevin Lunde			
Practice	638 - Water and Sediment Control Basin	Count of Activities	12
Description	12 WASCOBs and 5967 feet of underground outlet installed		
Proposed Size / Units	1.00 COUNT	Lifespan	15 Years
Actual Size/Units	1.00 COUNT	Installed Date	10-Nov-16
Mapped Activities	12 Point(s)		

Final Indicator for CWL-18-BR Kevin Lunde			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	51.2
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)

Waterbody	Lime Lake		
Final Indicator for CWL-18-BR Kevin Lunde			
Indicator Name	SOIL (EST. SAVINGS)	**Value**	71.4
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	**Calculation Tool**	BWSR CALC (GULLY STABILIZATION)
Waterbody	Buffalo River		
Final Indicator for CWL-18-BR Kevin Lunde			
Indicator Name	SEDIMENT (TSS)	**Value**	71.4
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	**Calculation Tool**	BWSR CALC (GULLY STABILIZATION)
Waterbody	Buffalo River		
Final Indicator for CWL-18-BR Kevin Lunde			
Indicator Name	SEDIMENT (TSS)	**Value**	51.2
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	**Calculation Tool**	BWSR CALC (GULLY STABILIZATION)
Waterbody	Lime Lake		
Final Indicator for CWL-18-BR Kevin Lunde			
Indicator Name	SOIL (EST. SAVINGS)	**Value**	51.2
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	**Calculation Tool**	BWSR CALC (GULLY STABILIZATION)
Waterbody	Lime Lake		
Final Indicator for CWL-18-BR Kevin Lunde			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	**Value**	71.4
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	**Calculation Tool**	BWSR CALC (GULLY STABILIZATION)
Waterbody	Buffalo River		

Grant Attachments

Document Name	Document Type	Description
2015 Competitive Grant	Grant Agreement	2015 Competitive Grant - Becker SWCD
2015 Competitive Grant executed	Grant Agreement	2015 Competitive Grant - Becker SWCD
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 12/09/2016
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/20/2017
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 11/22/2016

Document Name	Document Type	Description
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/20/2016
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/25/2016
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/25/2016
Application	Workflow Generated	Workflow Generated - Application - 09/26/2014
BR Sed Redcution Strategy Site Map	Grant	Buffalo Red Shallow Lakes and Mainstem Improvement Strategy
Buffalo Red Shallow Lakes exp log for 2015	Grant	Buffalo Red Shallow Lakes and Mainstem Improvement Strategy
CWL-BR Expense Log	Grant	Buffalo Red Shallow Lakes and Mainstem Improvement Strategy
Expense Log	Progress	Progress Dated - 01/20/2017
Interim Financial Report	Grant	Buffalo Red Shallow Lakes and Mainstem Improvement Strategy
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 11/02/2015
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 03/19/2015
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 02/23/2015
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 01/29/2015
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 11/02/2015
Workplan Approval	Grant	Buffalo Red Shallow Lakes and Mainstem Improvement Strategy
grantmap_12811_2014-09-25_12-12-42-PM.jpg	Grant	Buffalo Red Shallow Lakes and Mainstem Improvement Strategy