

Missouri Conservation Heritage Foundation

Stream Stewardship Trust Fund

Old and New Programs

**Annual Report
January 1 through December 31, 2020**

**Dedicated to
Improving Missouri Stream Conservation**

Table of Contents

Executive Summary.....	3
Missouri Conservation Heritage Foundation's Stream Stewardship Trust Fund.....	4
U.S. Army Corps of Engineers District Map.....	5
MDC Unit Map.....	6
MDC Regions Map.....	7
SSTF Service Area Map.....	8
2020 Old Program Accomplishments.....	9
Fees Collected and Impacted Resources.....	9
Table 1. Overview of Old Program fee collection and allocation timeline.....	9
2020 New Program Accomplishments.....	10
SSTF Program Receipts.....	10
Table 2. Fees and credits from development projects by Corps District.....	10
Table 3. Fees and credits from development projects by EDU.....	10
SSTF Mitigation Projects.....	11
Table 4. Allocations and credits from mitigation projects by Corps District.....	11
Table 5. Allocations and credits from mitigation projects by EDU.....	11
SSTF Program Receipts History.....	12
Table 6. Fees collected and impacted resources since inception by Corps District.....	12
Table 7. Fees collected and impacted resources since inception by EDU.....	12
SSTF Allocation Timeline.....	13
Table 8. Overview of SSTF fee collection and allocation timeline.....	13
SSTF Credit Balances.....	13
Table 9. Annual credit balance status by EDU.....	14
Mitigation Project Performance Tracking.....	14
Table 10. 2020 Mitigation project monitoring.....	15
SSTF Financial Reporting.....	15
SSTF Income and Disbursements.....	15
Table 11. 2020 SSTF income and disbursements by EDU.....	16
2020 SSTF Financial Instruments.....	16
 Appendix A—Status of SSTF Old Program Receipts as of December 31, 2020	
Appendix B—Status of Approved Old Program Mitigation Projects as of December 31, 2020	
Appendix C—Status of SSTF New Program Receipts as of December 31, 2020	
Appendix D—Status of SSTF New Program Mitigation Projects as of December 31, 2020	
Appendix E—SSTF Investment Instruments	
Appendix F—How the Stream Stewardship Trust Fund Works	

EXECUTIVE SUMMARY

The purpose of this annual report is to inform Corps Districts of all activities related to the Missouri Conservation Heritage Foundation's (MCHF) Stream Stewardship Trust Fund (SSTF) undertaken under the Old and New Programs during January 1 through December 31, 2020. The Old SSTF Program began in 2000 under an MOU with the Corps of Engineers; the New SSTF Program was established under the new 2008 regulations governing in-lieu fee mitigation programs and began after Corps of Engineers approval of the Instrument on June 6, 2013.

Old Program

Work continued on one mitigation project (0078; \$4,972.20 in Old Program funds was spent). In addition, \$9,793.23 in New Program Assurances funds was spent on maintenance at one project (0060). Total project expenditures for these projects during 2020 amounted to \$14,765.43. As of December 31, 2020, all Old Program projects have been installed, and the Old Program is considered complete. Old Program checking and money market accounts have been closed and the remaining balance (\$49,125.34) has been transferred to the Assurances account of the New Program. Beginning with the 2021 annual report, Old Program summaries will not be included, but maintenance and repair of Old Program projects will be included with New Program assurance expenditures.

New Program

Responsibility for compensatory mitigation associated with one Clean Water Act Section 404 authorizations was assumed (1,067.0 credits). Total fees collected were \$26,675.00.

During 2020, no projects were approved by the MCHF Board. Two projects submitted in 2018 (1013) and 2019 (1015) were approved by the Corps/IRT. A total of \$164,928.54 was spent on five mitigation projects (1005, 1010, 1013, 1014 and 1015).

A total of 21,172.5 credits were released from mitigation projects in 2020. Two projects (1013, 1015), previously approved by the MCHF, were approved by the Corps/IRT and brought into the new program, triggering a release of 6,125.2 credits. One project (1012) reached its final benchmark resulting in the release of 9,136.0 credits, and three projects (1005, 1009 and 1010) reached interim benchmarks, releasing 5,911.3 credits.

MISSOURI CONSERVATION HERITAGE FOUNDATION'S STREAM STEWARDSHIP TRUST FUND

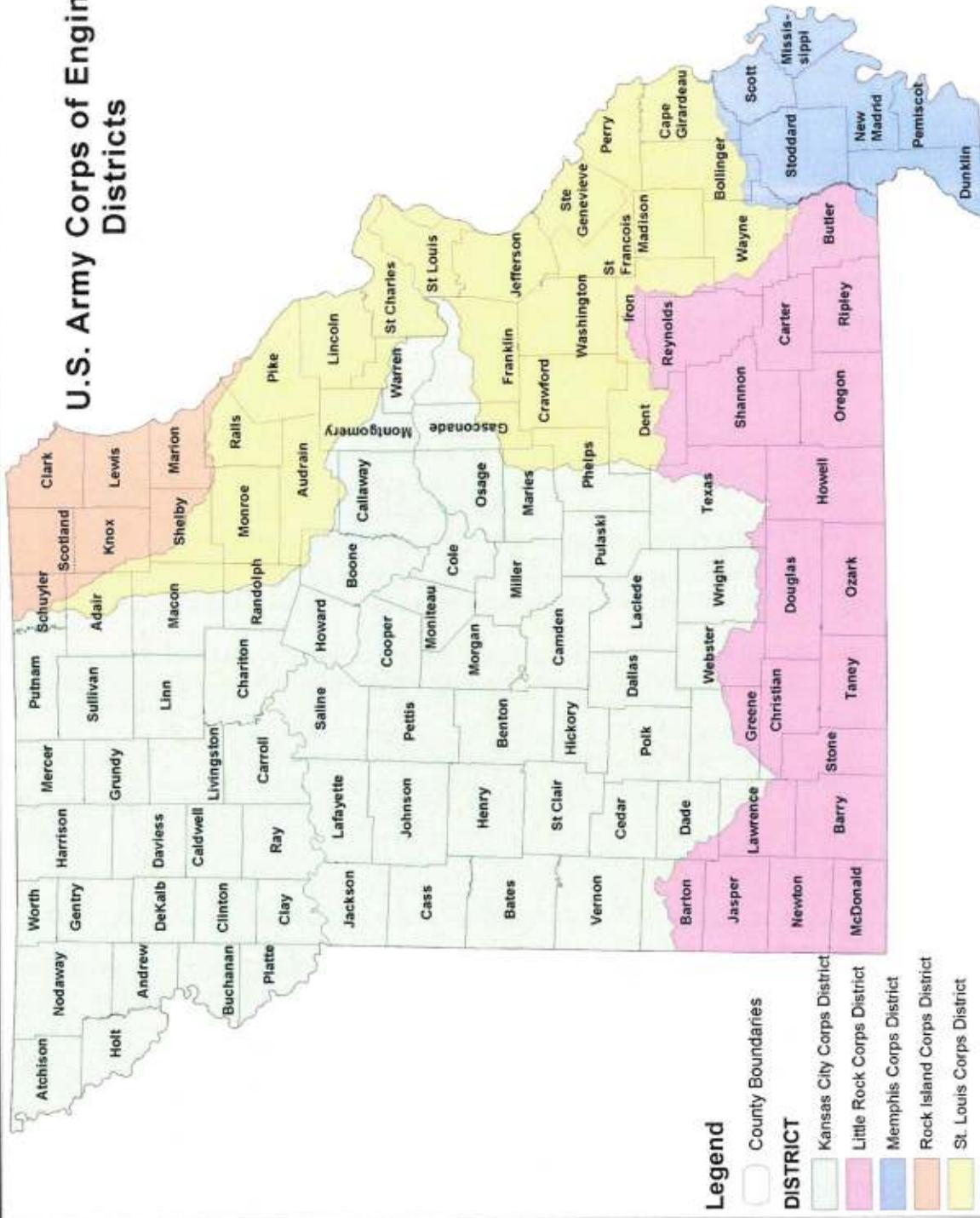
A Memorandum of Understanding between the Missouri Conservation Heritage Foundation (MCHF) and the U.S. Army Corps of Engineers (COE) in 1999 authorized and established operating conditions for the Stream Stewardship Trust Fund (SSTF), named the Old Program in this annual report. With COE authorization, the MCHF—as the SSTF sponsor—can assume an applicant's Clean Water Act Section 404 stream mitigation responsibilities (as measured by acres impacted or mitigation credits). Costs associated with participating in the Trust Fund were based on specific permit requirements and market forces. In 2008, the Corps and EPA jointly issued new rules that changed the operation of compensatory mitigation programs in the United States, and on June 6, 2013, an Instrument was approved that governed the operation of the MCHF's Stream Stewardship Trust Fund (named the New Program in this annual report) under the new rules.

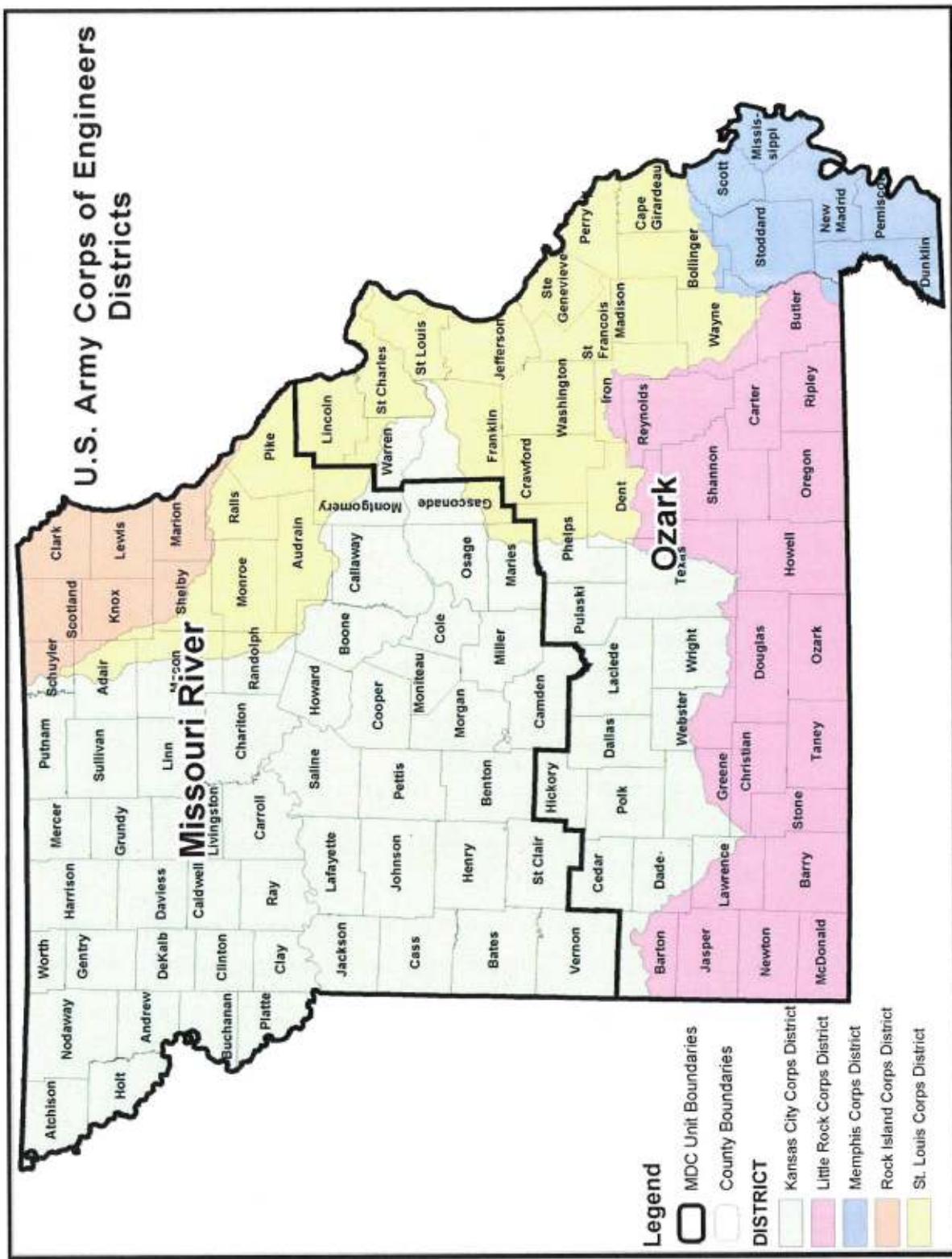
In general, a development project that impacts stream environmental values that cannot be mitigated on-site or in any other way, may pay into the Stream Stewardship Trust Fund (an amount based on the environmental impacts of the development project, as measured in mitigation credits) and have those values transferred to the MCHF. MCHF, in cooperation with the Missouri Department of Conservation (MDC) uses those funds to construct restoration, enhancement, and/or protection projects within the same watershed (Ecological Drainage Unit, or EDU) to generate additional mitigation credits that offset those involved in the development project.

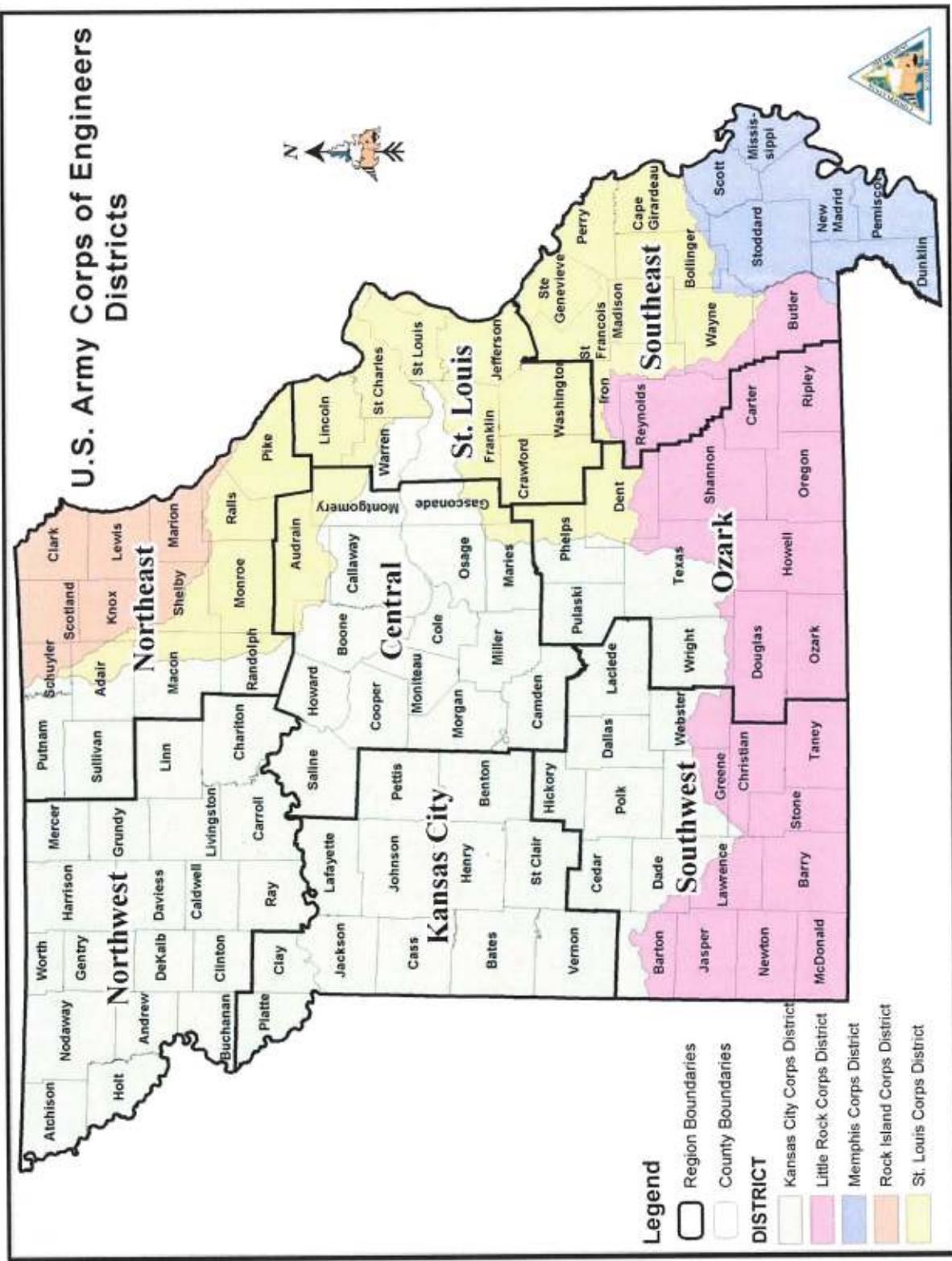
Additional information regarding the SSTF before and after approval of the new instrument can be found in Appendix F.

This annual report is summarizes the fees collected from developing organizations during 2020, and the uses into which those fees have been put to improve the stream values of Missouri stream resources during the same period.

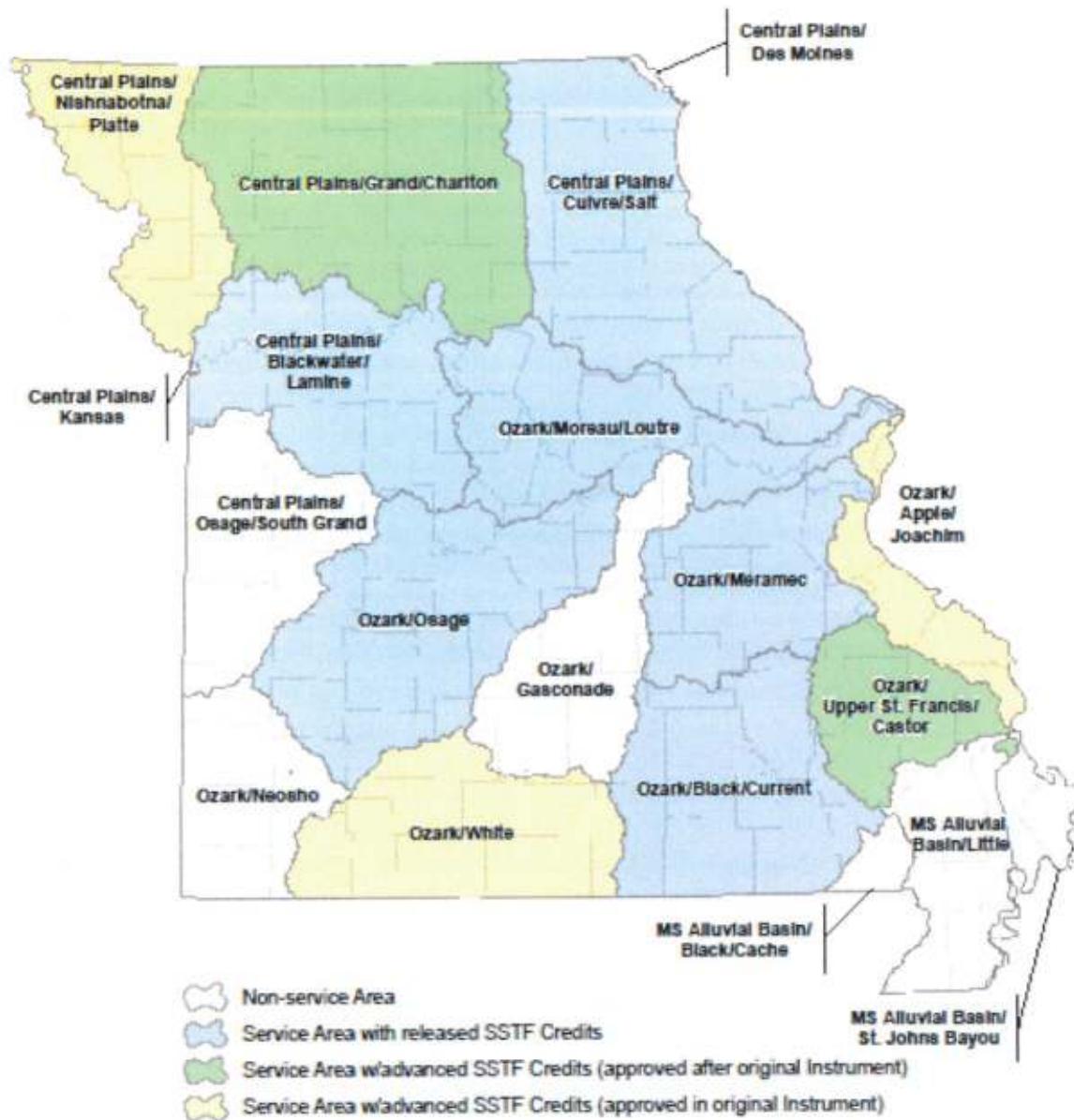
U.S. Army Corps of Engineers Districts







Stream Stewardship Trust Fund Selected Service Areas



2020 Old Program Accomplishments

Fees Collected and Impacted Resources

MCHF did not collect fees from projects governed by the 1999 MOU during 2020. However, work continued on one mitigation project (0078; \$4,972.20 in Old Program funds was spent on the final easement payment and recording). In addition, \$9,793.23 in New Program funds was spent on maintenance at one project (0060) using Assurances funds. Total project expenditures for these projects during 2020 amounted to \$14,765.43. As of December 31, 2020, all Old Program projects have been installed, and the Old Program is considered complete. Beginning with the 2021 annual report, Old Program summaries will not be included, but maintenance and repair of Old Program projects will be included with New Program assurance expenditures. Appendix A lists the funds and mitigation credits that have been received by MCHF, and Appendix B tabulates the projects undertaken using those funds.

Under the agreement with the Corps, a minimum of \$5,940,521.00 and 78,981 credits should be allocated to mitigation projects at the conclusion of the Old Program. As of December 31, 2020, \$6,154,556.41 and 420,820.1 credits have been allocated to mitigation projects.

Table 1. Overview of SSTF Old Program Fee Collection and Allocation Timeline

Calendar Year	Total Fees	Total Credits	Allocation Timeline
1999	\$2,063		2002
2000	\$228,881		2003
2001	\$323,117		2004
2002	\$205,472		2005
2003	\$344,760		2006
2004	\$658,141		2007
2005	\$525,718		2008
2006	\$561,217		2009
2007	\$843,215	11,750	2010
2008	\$661,282	13,983	2011
2009	\$558,551	14,158	2012
2010	\$388,669	15,152	2013
2011	\$257,650	10,306	2014
2012	\$223,080	8,750	2015
2013	\$122,050	4,882	2016
2016	\$36,655	*	2019
Total	\$5,940,521	78,981	

*Related project receipt was accepted using jurisdictional acres

2020 New Program Accomplishments

SSTF Program Receipts

Upon referral by the Corps of Engineers and by action of the Board of Directors of the Missouri Conservation Heritage Foundation, responsibility for compensatory mitigation associated with one Clean Water Act Section 404 authorizations was assumed by the trust fund. It was assumed under the Missouri Mitigation Method that was implemented with the approval of the new Instrument for the SSTF on June 6, 2013. Total mitigation credits assumed in 2020 were 1,067.0 credits. Total fees collected during the same time frame were \$26,675.00. See Appendix C for complete information about all SSTF New Program receipts.

Table 2. Fees and credits from development projects by Corps district

Corps District	2020	
	Fees Collected	Credit Obligation
Kansas City	\$0	0
Little Rock	\$0	0
Memphis	\$0	0
Rock Island	\$0	0
St. Louis	\$26,675.00	1,067.0
TOTAL	\$26,675.00	1,067.0

Table 3. Fees and credits from development projects by EDU

EDU	2020	
	Fees Collected	Credit Obligation
Apple/Joachim	\$0	0
Black/Current	\$0	0
Blackwater/Lamine	\$0	0
Cuivre/Salt	\$0	0
Grand Chariton	\$0	0
Meramec	\$26,675.00	1,067.0
Moreau/Loutre	\$0	0
Nishnabotna/Platte	\$0	0
Osage	\$0	0
St. Francis/Castor	\$0	0
White	\$0	0
TOTAL	\$26,675.00	1,067.0

SSTF Mitigation Projects

During 2020, no projects were approved by the MCHF Board. Two projects submitted in 2018 (1013) and 2019 (1015) were approved by the Corps/IRT. See Appendix D for complete information about all new program mitigation projects.

Table 4. Allocations and Credits From Approved Mitigation Projects by Corps District

Corps District	2020	
	Project Allocation	Mitigation Project Credits
Kansas City	\$160,000.00	19,895.0
Little Rock	\$119,726.00	5408.0
Memphis	\$0	0
Rock Island	\$0	0
St. Louis	\$0	0
TOTAL	\$279,726.00	25,303.0

Table 5. Allocations and Credits From Approved Mitigation Projects by EDU

EDU	2020	
	Project Allocation	Mitigation Project Credits
Apple/Joachim	\$0	0
Black/Current	\$0	0
Blackwater/Lamine	\$0	0
Cuiyre/Salt	\$0	0
McArdle	\$0	0
Moreau/Loutre	\$0	0
Nishnabotna/Platte	\$0	0
Osage	\$160,000.00	19,895.0
St. Francis/Castor	\$0	0
White	\$119,726.00	5408.0
TOTAL	\$279,726.00	25,303.0

SSTF Program Receipt History

The following tables represent the total fees collected and credit obligation assumed since June 6, 2013, the beginning of the New Program.

Table 6. Fees Collected and Impacted Resources since Inception by Corps District

Corps District	Since Inception	
	Fees Collected	Credit Obligation
Kansas City	\$995,385.00	41,059.4
Little Rock	\$865,575.00	34,623.0
Memphis	\$0	0
Rock Island	\$0	0
St. Louis	\$1,464,769.00	57,346.8
TOTAL	\$3,325,729.00	133,029.2

Table 7. Fees Collected and Impacted Resources since Inception by EDU

EDU	Since Inception	
	Fees Collected	Credit Obligation
Apple/Joachim	\$75,900.00	3,036.0
Black/Current	\$713,150.00	28,526.0
Blackwater/Lamine	\$599,640.00	23,985.6
Cuivre/Salt	\$383,400.00	15,336.0
Grand/Chariton	\$20,300.00	812.0
Meramec	\$450,300.00	18,012.0
Moreau/Loutre	\$633,675.00	25,347.0
Nishnabotna/Platte	\$125,000.00	5,000.0
Osage	\$81,675.00	3,267.0
St. Francis/Castor	\$134,439.00	5,377.6
White	\$108,250.00	4,330.0
TOTAL	\$3,325,729.00	133,029.2

SSTF Allocation Timeline

The in lieu fee instrument under which the SSTF operates recommends that, if possible, credits sold from EDUs using advanced credits be allocated to mitigation projects in those EDUs within a three year period. Five EDUs use advanced credits; Table 8 summarizes the timeline for allocating projects in those EDUs. No development projects in EDUs using advanced credits were assumed in 2020; hence, no mitigation responsibility requiring a 3 year allocation was assumed. By the 2020 allocation year, three projects have been allocated in the Upper St. Francis/Castor EDU totaling 25,417 credits and three projects have been allocated in the Ozark/White EDU totaling 29,439.7 credits; to date, good projects in the Apple Joachim, Grand/Chariton and Nishnabotna/Platte EDUs have yet to be identified.

Table 8. Overview of SSTF Fee Collection and Allocation Timeline

Calendar Year	Total Fees Collected	Total Credits	Allocation Year
2013	\$0	0	2016
2014	\$38,050.00	1522	2017
2015	\$142,350.00	5694	2018
2016	\$108,375.00	4335	2019
2017	\$97,689.00	3907.6	2020
2018	\$28,475.00	1139	2021
2019	\$48,950.00	1958	2022
2020	\$0	0	2023
TOTAL	\$463,889.00	18,555.60	

SSTF Credit Balances

The mitigation obligation of one development project was assumed in 2020; fifteen mitigation projects have been approved since 2013. Table 9 accounts for the credits assumed to date. The Instrument specifies releases in credits as projects are improved, installed, and meet project benchmarks. A total of 21,172.5 credits were released from new mitigation projects in 2020.

Table 9. Annual Credit* Balance Status

EDU	2019 Credit Balance**	2020 New Credits Assumed	Total Credits Assumed	Total 2020 Mitigation Project Credits**	2020 Approved Released Credits	Total Approved Released Credits To Date	Credits Yet To Be Released	Advanced Credits Offset	New Credits	End of 2020 Credit Balance***
Apple/Joachim	1,964.0	0	3,036.0	-	-	-	-	0	0	1,964.0
Black/Current	0	0	28,526.0	-	-	-	-	0	0	0
Blackwater/Lamine	17,372.0 ⁴	0	23,985.6	-	1,225.8	3,677.4	2,501.6	0	3,677.4	18,597.8
Cuivre/Salt	-	0	15,336.0	-	-	-	-	0	0	-
Grand/Chariton	9,188.0	0	812.0	-	-	-	-	0	0	9,188.0
Meramec	8,089.0	1067.0	18,012.0	-	-	-	-	0	0	7,022.0
Moreau/Loutre	6,057 ²	0	25,347.0	-	0	6,057.0	-	0	6058	6,057.0
Nishnabotna/Platte	0	0	5,000.0	-	-	-	-	0	0	0
Osage	205,782.8	0	3,267.0	19,895	13,115	84,291.7	17,648.3	0	68,131.8	218,897.8
St. Francis/Castor	11,525.8 ^{3*}	0	5,377.6	7,737.0	1716	7072.0	18,345.0	7072.0	0	53,241.8
White	7,500.5 ⁴	0	4,320.0	5406.0	5115.7	11,946.2	17,493.5	10,000	1,946.20	12,616.2
TOTAL		1067.0	133,029.2	25,303.0	21,172.5	113,044.3	55,988.4			

*Includes initial released and advanced credits

**MCHF-approved projects that have COE/JRT approval at the time of this report

***Prior year balance minus new credits assumed plus released credits for the year

¹Corrected previous balance due to a math error in 2019

²Corrected a data error that was incorrectly copied in 2014

³Corrected previous balance that did not include a 2019 credit release

⁴Corrected previous balance to include updated approved project credits

Mitigation Project Performance Tracking

Monitoring is required of all compensatory mitigation projects to determine if each project is meeting its performance standards and if additional measures are necessary to ensure that the compensatory mitigation project is accomplishing its objectives. Frequency of monitoring is normally detailed in a project's mitigation plan, is reported in the annual report, and includes compliance reporting as well as whether the project is meeting performance objectives. Exceptions include acquisition projects (which are deemed complete upon fee title transfer or the development of an area plan if the project is a new MDC conservation area) and low water bridge replacement projects (which are deemed complete if functioning without impairment through two bank full floods.)

Fifteen mitigation projects have been approved by the Corps under the new Instrument and are in varying stages of completion. A total of 21,172.5 credits were released from new mitigation projects in 2020. Two projects (1013, 1015), previously approved by the MCHF, were approved by the Corps/JRT and brought into the new program, triggering a release of 6125.2 credits. One project (1012) reached its final benchmark resulting in the release of 9136.0 credits, and three projects (1005, 1009 and 1010) reached interim benchmarks, releasing 5,911.3 credits. Monitoring reports with photos were provided to the Corps as they were completed. Table 10 summarizes project monitoring for 2020.

Table 10. 2020 Mitigation Project Monitoring

Project Number/Type	Project Title	Project Monitor Dates	Project Status	Project Performance				Total Old Program Used	Total New Program Used	Comments	
				Project Completion Date	Benchmark 1	Benchmark 2	Final Benchmarks				
1001/Stream stabilization	9,100.00	1-29-19	X	X				Y	3,640	Flood damage (winter 2015) repaired with modified design; working well to date.	
1002/Stream stabilization	7,962.00	9/20/20	X	X				Y	3,184.80	Trees plan to 3/2019; monitoring tree survival is ongoing.	
1003/Bridge replacement	3,861.00	3/20/19	X	X	X			X	Y	3,861.00	
1004/Bridge replacement	11,300.00	3/20/18	X	X	X			X	Y	11,300	
1005/Stream stabilization	6,179.00	10/2020	X	X					Y	3677.4	
1006/Bridge replacement	6,058.00	11/2017	X	X	X			X	Y	6,058	
1007/Easement purchase/preservation	4,508.00		X	X				X	Y	4,508	
1008/Bridge replacement	15,198.40	3/2018	X	X	X			X	Y	15,198.40	
1009/Stream stabilization	8,580.00	2/2020	X	X					Y	3,132	Project complete; awaiting easement
1010/Stream stabilization	14,847.50	3/2020	X						Y	5,835.00	Project complete; awaiting easement
1011/Easement purchase/preservation	27,650.50	4/2019	X	X				X	Y	27,650.50	
1012/Bridge Replacement	15,226	10/2019	X	X	X			X	Y	15,226	
1013/Stream stabilization	10,731	10/2020	X						Y	3,146	
1014/Stream Stabilization	7,737.00	9/2020	X						Y	1547.4	
1015/Bridge replacement	10,895	8/2020	X						Y	3375	

SSTF Financial Reporting

SSTF Income and Disbursements

The final instrument requires an accounting of income and disbursements for the SSTF New Program as a whole and by service area. During 2020, receipts from one project totalled \$26,675.00. A total of \$164,928.54 was spent on five mitigation projects (1005, 1010, 1013, 1014 and 1015) during 2020. In addition, \$4,972.20 in Old Program funds was spent for a final easement payment and recording to complete Old Program project 0078, and \$9793.23 in New Program Assurances funds was spent on Old Program project 0060 for repairs.

Table 11. 2020 SSTF New Program Income and Disbursements by EDU

EDU	Income	Disbursements
Apple/Joachim	\$0	\$0
Black/Current	\$0	\$0
Blackwater/Lamine	\$0	\$110.00
Cuivre/Salt	\$0	\$0
Grand/Charlton	\$0	\$0
Meramec	\$26,675.00	\$0
Moreau/Loutre	\$0	\$0
Nishnabotna/Platte	\$0	\$0
Osage	\$0	\$2,100.00
St. Francis/Castor	\$0	\$54,887.59
White	\$0	\$107,830.95
TOTAL	\$26,675.00	\$164,928.54

2020 SSTF Financial Instruments

The instruments in which Stream Stewardship Trust Fund monies are invested are limited to checking and money market accounts for program funds and a money market account containing funds earmarked for long term financial assurances (Appendix E). All checking and money market accounts are held in FDIC-insured accounts at Simmons Bank. The balance for Old Program funds as of December 31, 2020 was \$0.00 in both checking and money market accounts, which have been closed out. The remaining balance from the Old Program (\$49,125.34) was transferred to the Assurances account of the New Program on 1/30/2020. Balances as of December 31, 2020, for New Program funds were \$147,650.67 (checking account), \$563,546.09 (money market account for program funds), \$600,000 (certificates of deposit), and \$261,897.26 (money market account for long term financial assurances). Per the approved Instrument, New Program funds will continue to be deposited into the long term financial assurances account until it reaches \$250,000; the account will then be maintained at or above that amount. In 2017, the Corps and MCHF Board approved using the New Program long term financial assurances account to fund damages to both New and Old program mitigation projects to insure the long term ecological and physical integrity of all projects.

**Appendix A—Status of SSTF Old Program Receipts as of
December 31, 2020**

Appendix A—Status of SSSTF Old Program Receipts as of 12/31/2020

Co/ Dist	Region	County	Year	Date Received into SSSTF	June Acres	Mt. Crats	Permit #	Fee Collected	Corps Applicant	Notes
O - STL	Warren	1999	10/08/99	0.100			1998-01394	\$2,063.25	Lafarge Corporation	Jurisdictional first order stream, Owl Creek.
		Total		0.100				\$2,063.25		
M - NW	Ray	2000	05/19/00	1.000			1999-02288	\$72,126.09	Wal-Mart Corporation	0.1 jurisdictional first order stream and 0.9 jurisdictional pond
O - SE	Butler	2000	08/25/00	2.480			1999-15669	\$69,750.11	Brad Jolly	1.8 acre jurisdictional first and second order streams and 0.68 acre wetland (portions handled after the fact), Hwy PP and Pilko Creek.
M - CE	Benton	2000	09/13/00	0.050			2000-00515	\$4,613.43	Boone County Public Works	181 foot of stream impact, St. Charles Rd, N. Grindstone Creek.
M - KC	Clay	2000	09/26/00	0.010			2000-01614	\$3,336.22	CEI Engineering Associates, Inc.	Jurisdictional first order stream
M - CE	Cole	2000	10/31/00	0.930			1999-02170	\$49,416.26	Missouri Department of Transportation	Rt 179 in Cole County.
M - KC	Clay	2000	12/12/00	0.090			2000-00697	\$5,438.97	Boschart Properties	After the fact authorization first order urban stream, Antioch Hills mitigation
M - CE	Cole	2000	12/26/00	0.000			1999-00657	\$24,204.84	City of Jefferson	Due to an unanticipated development, a previously approved (1996) mitigation site to establish 3.1 acres of trees and shrubs proved unavailable for the section 404 applicant. (3.1 acres not counted in total acres assumed)
		2000 Total		4.560				\$228,980.92		
O - OZ	Phelps	2001	05/23/01	0.110			2000-09040	\$14,180.84	Missouri Department of Transportation	0.11 acres of jurisdictional second order stream, Route 72, 300 feet of impact.
M - KC	Jackson	2001	06/18/01	0.110			1999-01906	\$23,213.73	RED Development	0.11 acres of jurisdictional first order stream, Summit Woods Crossing Development, 480 ft. of impact.

Cap Dist.	Region	County	Year	Date Received into SSTE	Juris Acres	Wlf Grids	Permit #	Fee Collected	Corps Applicant	Notes
O - SE	Stoddard	2001	06/26/01	1.290		00-13-0060		\$73,367.93	Ralston Purina Company	1.28 acres jurisdictional first and second order streams. 8,500 l.f. of impact near Avent, MO.
M - CE	Montgomery & Audrain	2001	08/07/01	1.800		2001-01008		\$66,755.00	Panda Montgomery Power, L.P.	
O - SW	Palk	2001	08/17/01	0.110		2000-00892		\$11,042.86	Missouri Department of Transportation	0.11 acres of jurisdictional first order stream, Route 13, 650 l.f. of impact.
O - STL	St. Charles	2001	10/02/01	0.200		2001-022770		\$19,212.16	Pace Properties	0.2 acres of jurisdictional second order stream
M - CE	Camden	2001	10/04/01	0.270		2001-01225		\$23,158.66	Missouri Department of Transportation	0.27 acres of jurisdictional first order stream
M - NE	Macon	2001	10/29/01	2.520		1996-020099		\$67,679.98	Missouri Department of Transportation	2.52 acres jurisdictional streams
O - STL	Lincoln	2001	11/29/01	0.080		2001-01871		\$5,483.21	Cannon Builders	0.08 acres of jurisdictional first order streams, Legends Estates SubDivision, City of Troy.
M - NW	Holt	2001	11/30/01	0.270		2001-01290		\$19,022.72	Missouri Department of Transportation	0.27 acres jurisdictional first order stream impacts, Route 59 in Holt County, Mill Creek.
		2001 Total		6.760				\$323,117.08		
M - NW	Buchanan	2002	03/15/02	0.100		2002-00508		\$6,741.20	Heartland Health Systems	0.10 acres of jurisdictional stream
O - STL	St. Charles	2002	03/29/02	0.270		P-2305		\$25,460.46	Helmut Wcher Construction Company	0.27 acres of jurisdictional stream, 1,650 l.f. impact associated with Green Tree meadows dev.
M - NW	Carroll	2002	04/11/02	0.090		2002-00501		\$8,845.56	Missouri Department of Transportation	0.09 acres of jurisdictional stream, Route 24 impacts.
O - STL	St. Charles	2002	05/21/02	0.950		P-2292		\$69,333.63	Missouri Department	0.95 acres of jurisdictional stream, Adjacent to 40/61 between the MO River and I-70.
M - KC	Petts	2002	06/10/02	0.050		2001-00561		\$6,382.94	Shaefer, Kline, and Warren	
M - CE	Boone	2002	08/15/02	0.010		2002-01237		\$2,879.12	Southwinds Capital, LLC.	0.01 acres of jurisdictional stream, Route AC, unnamed tributary to Grindstone creek.

Corp Dist	Region	County	Year	Date Received into SSTE	Juris. Acres	Mt. Crds	Permit #	Fee Collected	Corps Applicant	Notes
M - KC	Clay	2002	03/21/02	0.170			2002-01582	\$12,429.34	Shafer, Kline, and Warren	0.17 acres of jurisdictional stream, Gates Branch Tribs, storm water project.
M - CE	Miller	2002	09/16/02	0.440			2002-00524	\$10,541.00	Missouri Department of Transportation	0.44 acres of jurisdictional stream, Route 54.
M - NW	Carroll	2002	10/23/02	0.280			2002-01130	\$10,660.24	Missouri Department of Transportation	0.28 acres of jurisdictional stream
O - OZ	Wright	2002	11/13/02	0.110			2002-01841	\$5,220.23	Missouri Department of Transportation	0.11 acres of jurisdictional stream, 200 ft impact on Route HH project.
O - SW	Polk	2002	11/20/02	0.580			2002-00318	\$34,991.23	Missouri Department of Transportation	0.58 acres of jurisdictional stream, Route 13 Polk County, 3,076 feet of impact.
M - CE	Boone	2002	12/19/02	0.290			2002-01659	\$9,626.23	Boone County Public Works	0.29 acres of jurisdictional stream, Goodin and Meredith Branch.
M - KC	Platte	2002	12/19/02	0.010			2002-01930	\$2,360.51	D.R. Sheny Construction	0.01 acres of jurisdictional stream, 100 ft impact to Prairie Creek.
		2002	Total	3.350				\$205,471.69		
O - STL	St. Louis	2003	02/04/03	0.110			P-2328	\$7,849.75	Metropolitan Sewer District	0.11 acres of jurisdictional stream, Metropolitan Sewer District
O - OZ	Texas	2003	02/28/03	0.060			2002-1249	\$5,243.75	Missouri Department of Transportation	0.06 acres of jurisdictional stream
M - KC	Clay	2003	03/13/03	0.040			2002-02283	\$3,139.51	City of Liberty	0.04 acres of jurisdictional stream
O - STL	Jefferson	2003	03/27/03	0.050			J6S1076	\$3,951.23	Missouri Department of Transportation	0.05 acres of jurisdictional stream, Route B project impacts.
O - STL	St. Louis	2003	04/11/03	0.130			2002-06210	\$3,244.67	Lutheran High School Association	Lutheran High School Association,unnanmed trib off Lucas and Hunt Rd.
O - STL	St. Charles	2003	04/21/03	0.008			J6s0711	\$2,042.86	Missouri Department of Transportation	ModOT, Route Z, St. Charles
O - STL	Jefferson	2003	04/22/03	6.560			P-2327	\$197,330.00	Missouri Department of Transportation	2:1 ratio equals 6.56 acres
M - NE	Putnam	2003	05/05/03	0.360			2003-00088	\$33,692.73	Missouri Department of Transportation	ModOT, 0.36 acres of jurisdictional stream on Medicine Creek
M - CE	Cole	2003	05/15/03	0.290			2003-00299	\$26,416.14	Missouri Department of Transportation	ModOT, Hwy 179 in Cole Co. 0.29 acres of jurisdictional stream

Con Dist	Region	County	Year	Date Received Site SST	JULS Act 98	Min. Cnts	Permit #	Fee	Category	Corps Applicant	Notes
M - KC	Platte	2003	05/28/03	0.290			2003-001554	\$6,523.87	Warren	Shafer, Kline, and Plaza, unnamed trib of Burlington Creek	
M - KC	Clay	2003	06/10/03	0.040			2003-01172	\$3,130.27	LLC	Liberty Development, LLC, unnamed trib to shoal creek.	
M - KC	Grundy	2003	06/15/03	0.130			2003-01133	\$7,761.83	Missouri Department of Transportation	Route U project.	
M - KC	Carroll & Lafayette	2003	08/19/03	0.050			1994-00758	\$11,032.85	of Transportation	MoDOT, Route 65 project, two unnamed trib of the Missouri River	
M - CE	Saline	2003	10/02/03	0.020			2003-01175	\$4,202.13	Missouri Department of Transportation	MoDOT, Saline County Route E highway project.	
O - STL	St. Charles	2003	10/02/03	0.220						Pace Properties, Mexico Rd. and Hwy K road work; 11 ac stream impact at 2:1 ratio equals .22 acres	
M - NE	Monroe	2003	12/09/03	0.020			1994-03831	\$3,125.21	of Transportation	MoDOT, Route 151 highway work.	
M - CE	Boone	2003	12/10/03	0.050			2003-01414	\$3,577.50	of Transportation	MoDOT, two unnamed tributaries of Hinkson Creek, bridge work.	
M - KC	Pottis	2003	12/22/03	0.010			2002-01928	\$2,707.50	City of Sedalia	150% impact to an unnamed trib to Shaver creek and .35 ac of forested wetland on Sedalia Airport property.	
			2003 Total		8.438			\$344,760.96			
O - STL	St. Louis	2004	01/05/04	0.100			2003-07140	\$6,486.76	& Reality Co.	Moellenhoff Building Bittinger Rd, St. Louis Co.	
M - NE	Marion/Adair	2004	01/08/04	0.650			P-2377			MoDOT Hwy 63 project, 0.65 acres of jurisdictional stream impact	
O - STL	Franklin	2004	03/18/04	0.142			2004-00086	\$13,641.16	of Transportation	MoDOT St. Johns Creek project in Franklin Co.	
M - CE	Miller	2004	04/08/04	0.058			2003-2294	\$3,480.58	of Transportation	MoDOT, Route S2 project	
M - NE	Randolph	2004	04/20/04	0.480			2003-09320	\$38,389.38	of Transportation	MoDOT Route 63 project	
O - OZ	Phelps	2004	04/20/04	1.150			2003-02096	\$62,968.73	of Transportation	MoDOT, I-44 project between I-70 and the Sugar Tree Rd, near Jerome, MO.	

Corr Dist	Region	County	Year	Date Received into SSTF	Acre's in Crds	Permit #	Fee Collected	Corps Applicant	Notes
M - KC	Andrew	2004	04/30/04	0.090		2004-00158	\$7,017.30	Missouri Department	MoDOT Route K project.
M - CE	Boone	2004	05/05/04	0.160		2004-00002	\$5,830.89	Boone County Public Works	Boone County Public Works, Ludwick Blvd
M - CE	Callaway	2004	05/07/04	0.100		2004-00156	\$13,093.82	Missouri Department	MoDOT, Route 94 project.
O - STL	St. Charles	2004	05/18/04	0.027		2002-07750	\$4,586.42	City of Dardonne Prairie	City of Dardonne Prairie
M - KC	Jackson	2004	05/18/04	0.150		2004-00365	\$12,274.43	Gale Communities, Lees Summit.	Gale Communities, Lees Summit.
M - KC	Jackson	2004	06/21/04	0.025		2004-01216	\$6,357.20	George Butler & Assoc, Lenexa, KS.	George Butler & Assoc, Lenexa, KS.
M - KC	Platte	2004	07/08/04	0.900		2004-001370	\$4,970.94	Platte County, MO	Platte County, North Congress Ave project.
M - KC	Platte	2004	07/19/04	0.200		2004-00990	\$6,084.75	John F. Lutjen & Assoc.	John F. Lutjen & Assoc, Line Creek meadows.
O - STL	St. Charles	2004	08/02/04	0.080		2004-00970	\$9,118.65	Fred Weber, Inc., O'Fallon Stormwater Project	Fred Weber, Inc., O'Fallon Stormwater Project
M - KC	Cass	2004	08/06/04	0.090		2004-01208	\$13,777.62	Martin Marietta Aggregate Co.	Martin Marietta Aggregate Co.
O - STL	St. Charles	2004	08/10/04	0.230	P-2369		\$19,755.00	St. Charles Co. HWY Dept.	St. Charles Co. HWY Dept.
M - KC	Johnson	2004	09/16/04	0.052		2004-00342	\$6,554.57	Lowes Home Center	Lowes Home Center
M - KC	Cass	2004	09/22/04	1.480		2003-02227	\$140,048.81	Cooper Land Development	Cooper Land Development
M - KC	Jackson	2004	09/22/04	0.095		2004-01620	\$6,418.69	Kisner Construction Project.	Kisner Construction Project.
O - SE	St. Francois	2004	11/01/04	4.360		2004-02190	\$23,912.00	Missouri Department	MoDOI Route 67, Fairgrounds Interchange Project
M - NW	Daviess	2004	11/01/04	0.040		2004-02055	\$3,379.00	Missouri Department	MoDOT Route B Project
O - STL	St. Charles	2004	11/05/04	0.030		2004-03400	\$4,165.00	Ne-Co Development, Inc.	Sunset Hills Residential Subdivision Meadowls of Auburndale/Auburndale Estates
M - KC	Clay	2004	11/05/04	0.380		2002-00707	\$12,698.95	Star Development Corporation	Sunset Hills Residential Subdivision Meadowls of Auburndale/Auburndale Estates
M - KC	Cass	2004	11/08/04	0.390		2004-01555	\$24,010.00	Marlin Marietta Aggregate Co.	Peculiar Quarry Channel Relocation

COP Dist	Region	County	Year	Date Received into SST	Acres	Mt. Crate	Permit#	Fee Collected	Corps Applicant	Notes
M - CE	Camden	2004	11/10/04	2.150		2001-01225		\$178,800.00	Missouri Department of Transportation	MoDOT Route 5 Project
M - NW	Buchanan	2005	01/04/05	0.020		2004-02371		\$658,141.41	Sprague Excavating Co., Inc.	Creek Woods Project, St. Joseph Agent - A Civil Group; Oakland Park Estates Project, North Oakland Gravel Road, unnamed tributary to Bear Creek
M - CE	Boone	2005	01/24/05	0.030		2004-02169		\$3,142.00	P&S Development Group, LLC	(TransSystems Corp); Horizons Parkway Project on floodplain of Mo. River; .32 ac wetland at 1.5:1 ratio equals .48 acres
O - OZ	Dent	2005	02/09/05	1.030		2003-08780		\$66,751.00	Missouri Department of Transportation	MoDOT Route 72 Project, JGP9362 (TransSystems Corp); Horizons Parkway Project on floodplain of Mo. River; .32 ac wetland at 1.5:1 ratio equals .48 acres
M - KC	Platte	2005	02/28/05	0.480		2005-00312		\$18,840.00	City of Riverside	(Terra Technologies) Colony Homes Subdivision, .09 ac wetland along tributary of Camp Creek
M - KC	Cass	2005	03/02/05	0.090		2004-00098		\$4,683.00	Colony Homes, LLC	(A Civil Group) Forest Ridge project, tributary of Cow Branch
M - CE	Boone	2005	03/24/05	0.030		2005-01155		\$4,607.00	PGS Development LLC	(George Butler & Assoc.); Retail development and park in Adair Creek, and tributaries
M - KC	Jackson	2005	04/18/05	0.340		2005-00077		\$28,434.00	Crackemeck Creek, LLC	(TransSystems Corp.); 87th Street - Blue River Road to I-435
M - KC	Jackson	2005	05/02/05	0.010		2004-00601		\$2,780.00	City of Kansas City, MO	The Pavillion project, tributary of Grindstone Creek
M - CE	Boone	2005	05/13/05	0.030		2005-00697		\$3,431.00	Buttonwood Holdings LLC	Tavern Creek Bridge Replacement project, Route T
O - STL	Franklin	2005	05/19/05	0.080		2005-00341		\$4,671.00	Missouri Department of Transportation	Office building/parking lot
M - CE	Bonne	2005	06/08/05	0.030		2004-01137		\$6,274.00	Advantage Construction, Inc.	construction affecting unnamed tributary of Hinkson Creek at future Green Meadows Rd., Columbia
M - CE	Bonne	2005	06/12/05	0.050		2005-01880		\$4,030.00	City of Columbia, MO	Oak Forest Project, two unnamed tributaries of Hinkson Creek (Permit previously auth to CMK, LLC as #2004-01138)

Corp Dist	Region	County	Year	Date Received into SSTI	Juris.	Acres	Mt. Credits	Permit #	Fee Collected	Corps Applicant	Notes
O - STL	Lincoln	2005	06/29/05	0.400		2005-01180			\$20,715.00	Missouri Department of Transportation	Route 61 project; (20 acre stream impact at 2:1 ratio equals .40 acres)
W - NE	Lewis, Clark	2005	06/29/05	0.720		CEMVR-OH-P-2005-85			\$67,895.00	Missouri Department of Transportation	Route 61 project (Weiskirch & Parks Engineers, Inc.) Woodbrooke Villas Third Plat (Estimate #1 - 0.2 acre wetland)
M - KC	Clay	2005	06/29/05	0.200		2004-00939			\$8,676.00	Intra-State Development Co.	(Weiskirch & Parks Engineers, Inc.) Woodbrooke Villas Third Plat (Estimate #2 for 230' stream impact)
M - KC	Clay	2005	06/29/05	0.020		2004-00939			\$3,882.00	Intra-State Development Co.	Lions Den Road Project, crossing at unnamed tributary to Rock Creek (.67 acre at 2:1 ratio equals 1.34 acres)
O - STL	Jefferson	2005	07/22/05	0.250		2003-08482			\$11,262.00	Jefferson County Public Works Dept.	Jefferson County Public Works Dept.
M - CE	Boone	2005	07/22/05	0.120		2004-01140			\$12,629.00	Boone County Public Works Dept.	Soft Fit Hill Road Project, unnamed tributary to Slatie Creek
M - CE	Cole	2005	08/04/05	0.090		2004-01786			\$11,387.00	Jack and Jan Young	Private lake project, unnamed tributary(ies) to Moreau River
M - KC	Jackson	2005	08/23/05	0.100		2005-01017			\$5,854.00	Ocean Realty Co.	New facility for Dean Machinery Co., intermittent tributary to the Blue River
O - STL	St. Charles	2005	08/29/05	0.020		2005-01130			\$5,568.00	64K, LLC (Brinkmann Constructors)	O'Fallon Auto Mall project, unnamed tributary to Schote Creek (.34 ac stream impact @ 2:1 ratio = .68 ac)
M - KC	Lafayette	2005	08/29/05	0.020		2005-00427			\$3,948.00	Missouri Department	I-70 S. Outer Rd. over Horseshoe Creek, Job #J410977
M - KC	Jackson	2005	09/14/05	0.600		2005-01372			\$23,196.00	Porsche Truck Leasing	Two farmed wetlands totaling 0.6 acre to be filled at new leasing facility project site located on Missouri River bottom
O - STL	St. Louis	2005	09/15/05	0.110		2003-02010			\$11,297.00	St. Louis Community College	New West County Ed Center project, two unnamed tributaries to Bonhomme Creek (2:1 ratio)
M - NW	Caldwell	2005	08/19/05	0.050		2005-01299			\$6,130.00	Missouri Department of Transportation	Route D Bridge at West Sheep Creek

Non Dist	Region	County	Year	Date Received Int'l SSIR	Juris. Acre(s)	Mit. Criteria	Permit #	Fee Collected	Corps Applicant	Notes
W - KC	Platte	2005	10/18/05	1.410			2SBOXR13491	\$52,599.00	Riverside-Quindaro Bend Levee Dist.	(Affinis Corp.) 1.4 acres compensatory wetland mitigation
M - CE	Cooper	2005	10/26/05	0.010				\$3,047.00	Wal-Mart Stores, Inc.	Boonville Supercenter construction project in two ponds previously constructed on Lilly Branch at Rt. B and Jackson Road
O - SE	St. Francois	2005	11/21/05	0.140			2005-449859	\$7,002.00	Farmington R-7 School District	(Taylor Engineering) relocation/channelization of unnamed tributary to St. Francis River, 300' stream impact at 2:1 Ratio
O - STL	St. Charles	2005	11/21/05	0.520			2005-45019	\$45,730.00	Missouri Department of Transportation	Boscher Creek, Job #JGP0759N
O - OZ	Texas	2005	11/23/05	0.020			16057	\$2,168.00	Missouri Department of Transportation	Route 17, Jack's Fork River bridge project, Job #JGP0440
M - KC	Clay	2005	11/29/05	0.480			2005-00706	\$19,203.00	Briarcliff Development Co.	Briarcliff Medical Offices, .48 acres wetlands adjacent to intermittent tributary to Missouri River
M - KC	Clay	2005	11/29/05	0.010			2005-00706	\$2,823.00	Briarcliff Development Co.	Briarcliff Medical Offices, intermittent stream/tributary to Missouri River
M - KC	Jackson	2005	11/29/05	0.600			2005-01688	\$23,196.00	Ostler International Inc.	(George Butler & Assoc.; KCMO Executive Park/Auto Parts Warehouse, .60 acres wetlands
O - STL	St. Louis	2005	12/05/05	0.330			2005-44941	\$16,547.00	Hazelwood Commerce	(Geotecnology, Inc.) MDNR cleanup site (landfill), unnamed trib., impacts (1,435' at 2:1 ratio equals 2,870' mitigation)
M - CE	Cole	2005	12/22/05	0.050			2006-00143	\$9,206.00	Jerry J. Green Construction	Trails of Kauffman Hills Subdivision
			2005 Total	8.580				\$525,718.00		
M - CE	Cole	2006	01/12/06	0.110			2005-02503	\$4,634.00	Riverbreeze Condominiums LLC	Construction of permanent access road to project site across unnamed tributary to Missouri River

Corp Dist	Region	County	Year	Date Received Intg SSTE	Acres	Mit. Credits	Permit#	Fees Collected	Cops Applicant	Notes
M - KC	Clay	2006	01/31/06	0.090			2005-00727	\$8,166.00	Morrow Construction Co., Inc.	Carrington at North Platte Subdivision, Line Creek (410 ft intermittent tributary + 265 ft ephemeral tributary)
M - KC	Jackson	2006	02/10/06	0.140			2006-00175	\$6,498.00	City of Blue Springs	(TransSystems Corp.) Route 7/Colbern Road project, .14 acre wetland
M - CE	Boone	2006	02/15/06	0.080			2004-01076	\$11,605.00	Wynfield Development Corp.	(A Civil Group) residential subdivision project, two unnamed tributaries of Cow Branch (Development of Kinsley Forest Estates Phase II) 1500' stream impact + .24 acre wetland adjacent to East Creek
M - KC	Clay	2006	02/17/06	0.340			2005-00238	\$24,832.00	Pulte Homes of Kansas City, Inc.	Route AC from Pickell Rd. south to RL 169, Job #J1S0834; 574' stream impact + .28 acre wetland
M - NW	Buchanan	2006	02/22/06	0.300			2006-00728	\$15,430.00	Missouri Department of Transportation	Magill Hollow Creek/Black River project
O - SE	Butler	2006	02/24/06	0.720			P-20074	\$24,330.00	Missouri Department of Transportation	
O - STL	St. Louis	2006	03/09/06	0.380			P-2497	\$18,190.00	Metro, Cross County MetroLink	Shrewsbury Station parking lot, 447' of unnamed trib to River Des Peres + .08 acre of an emergent wetland
O - STL	St. Louis	2006	04/20/06	0.890			P-2516	\$56,509.00	St. Louis County Highways & Traffic	Two intermittent unnamed tributaries to Maline Creek; now roadway alignments/Hanley Road to Route N
O - STL	Warren	2006	04/25/06	0.070			200522081	\$7,813.00	Cotton Road Investment, LLC	Unnamed tributaries to McCoy Creek; development of residential subdivision in Forestall
O - OZ	Carter	2006	05/01/06	0.046			20431	\$3,085.00	Current River Outfitters (Mike May)	.0.023 acre wetland @ 2:1 ratio = 0.046 acre wetland;
O - STL	St. Louis	2006	06/08/06	0.030			2006-102	\$6,808.00	Mayer Manors, Inc.	40-lot Bridgeton Meadows residential subdivision @ unnamed trib to Cownire Creek, a primary tributary to Mo River

Corp Dist.	Region	County	Year	Date Received into SSI	Juris. Acres	Mt. Crds	Permit #	Fee Collected	Corps Applicant	Notes
O - STL	St. Charles	2006	06/14/06	0.030			200102790	\$2,993.00	The Jones Company, LLC	Villas at Sterling Point, non-compliance issue, unnamed tributary to Sandfort Creek
W - NW	Ray	2006	07/05/06	0.100			200600456	\$4,959.00	Missouri Department of Transportation	Route A, Bridge T0389, Wakenda Creek
M - KC	Clay	2006	07/17/06	0.200			200502435	\$8,676.00	Trophy Homes/Group 38, LLC	Bailey Brooke Residential Development; 0.2 acres wetland
M - KC	Clay	2006	07/17/06	0.220			200600444	\$16,091.00	Forestar Real Estate Group	Sommerbrook Residential Dev.; 1.797' stream impact + 0.17 acre wetland (trib. of Fishing River + isolated pond)
M - NE	Macon	2006	07/18/06	0.180			200545120	\$13,445.00	City of Macon	Stormwater Improvements 700' from junction of Hwy. 63 and Bus. 36; unnamed tributary of South Fork Salt River
M - KC	Jackson	2006	07/25/06	0.080			200600974	\$9,126.00	Tiffany Holdings, LLC	Glenwood Orchard Development, ephemeral tributary to RockCreek
O - STL	Franklin	2006	07/26/06	0.320			200600122	\$22,993.00	AmarenUE	Labadie power plant impacts to Dunn Spring Creek, unnamed trib of Dunn Spring Creek, & unnamed trib of Labadie Creek
M - CE	Boone	2006	07/27/06	0.170			200600603	\$9,651.00	Mills Properties	Boulder Springs Condominiums, unnamed tributaries to Hinkson Creek
M - KC	Clay	2006	08/04/06	0.010			200502222	\$3,218.00	Worlds of Fun	Construction of detention basin impacting 250' of ephemeral tributary
O - STL	St. Louis	2006	08/16/06	0.030			MWS-2006-449	\$3,593.00	Koch Development Company, Inc.	Residential subdiv. near Sappington; unnamed trib. flows→Grayveis Creek→River Des Peres, a primary trib.→Mississippi Rvr.
M - CE	Montgomery	2006	08/21/06	0.070			200600649	\$7,075.00	Ronald Landolt	Private lake project , unnamed tributary to Pinch Creek
O - STL	St. Charles	2006	08/28/06	0.010			MWS-2006-384	\$1,884.00	Hampton Grove LLC	Residential subdivision, unnamed ephemeral tributary to Spring Creek→Dry Branch→McCoy Creek→Cuivre River

Corp Dist.	Region	County	Year	Date Received into SSMF	Juris. Aches	Mit. Credts	Permit #	Fee Collected	Corps Applicant	Notes
M - KC	Clay	2006	09/01/06	0.040			200601144	\$5,466.00	Star Development Corporation	Sara's Meadow residential subdivision, tributaries affecting East Fork, Shoal Creek
M - CE	Cole	2006	09/07/06	0.040			200601016	\$3,553.00	City of Jefferson	Frog Hollow detention basin, impacting Frog Hollow Creek
M - KC	St. Clair	2006	09/11/06	0.710			200500223	\$36,285.00	Missouri Department of Transportation	Route 13 intersection with Route 54, impacts to Coon Creek
M - NE	Shelby, etc.	2006	09/25/06	0.940			CEMVR-QD-P- 2006-348	\$94,376.00	Missouri Department of Transportation	Route 36 from Shelbina (Shelby County) to Rensselaer (Marion County) - various impacts (also Monroe & Ralls Counties)
O - STL	Franklin	2006	09/25/06	0.270			200600096	\$17,469.00	M & T Development, Inc.	Summer Hill Estates Subdivision, impacts to Busch Creek
M - NW	Daviess	2006	10/02/06	0.010			200600624	\$2,709.00	Missouri Department of Transportation	Route 6 project impact to tributary of Big Muddy Creek
O - STL	St. Charles	2006	10/13/06	0.020			MVS-2006-495	\$8,880.00	Foresight Development Group, Inc.	Kolkmeier Tract, unnamed tributaries of Dardene Creek
M - KC	Jackson	2006	10/31/06	0.020			200600139	\$3,695.00	Far Land Company LLC	Hidden Hills Commercial Development on Blue Branch
O - STL	St. Louis	2006	11/07/06	0.090			MVS-2004-3230	\$11,030.00	Taylor Morley, Inc.	Tributary To Shn-a-Bar Creek
O - STL	St. Charles	2006	11/20/06	0.420			MVS-2006-700	\$35,105.00	THF Wentzville Three Development LLC	Bellefontaine Estates residential development at Watkins Creek and unnamed tributary to Watkins Creek
M - CE	Boone	2006	12/01/06	0.110			200602605	\$8,991.00	Americare Systems	Wentzville Crossroads Marketplace North, unnamed tributaries at Dry Branch (2:1 Ratio)
M - KC	Clay	2006	12/01/06	0.060			200500514	\$13,383.00	Pulte Homes of Kansas City, Inc.	Tiger Place Phase 2, tributary of Grindstone Creek
M - KC	Platte	2006	12/04/06	0.320			200300569	\$13,790.00	Weatherby Lake Improvement Company	Kings Gate Subdivision, tributaries of Shoal Creek and East Fork Shoal Creek
O - STL	Franklin	2006	12/14/06	0.040			200502060	\$6,296.00	M & T Development, Inc.	Lake Labadie subdivision impacting unnamed tributary to Missouri River

Cap Dist	Region	County	Year	Date Received Rate SSIF	Jurs. Acres	Mil. Credits	Permit #	Fee Collected	Corps Applicant	Notes
O - STL	St. Charles	2006	12/14/06	0.130			MVS-2006-813	\$9,585.00	Davis Street Land Company L.L.C.	The Meadows development, unnamed tributary to Lake St. Louis (Porque Creek)
			2006 Total	7.836				\$561,217.00		
M - KC	Clay	2007	01/03/07	0.120			200600969	\$8,845.00	BrownFig Development LLC	Mandeville Housing Subdivision, unnamed tributary of Fishing River Phase 3 Peak Flow Lift Station; 0.27 acre wetland
M - KC	Jackson	2007	01/10/07	0.270			2006-3268	\$11,217.00	City of Blue Springs	
M - NE	Adair	2007	01/17/07	0.090			200601475	\$14,303.00	Missouri Department of Transportation	Route 63 project, tributaries of and also in East Fork Little Chariton River
M - CE	Moniteau	2007	01/31/07	1.680			200600919	\$126,403.00	Missouri Department of Transportation	Route 50 project, multiple stream impacts
M - KC	Jackson	2007	02/09/07	0.590			200602778	\$21,271.00	TransSystems Corp./BNSF Railway	Stream impacts = .15 acre + wetland impacts = .44 acre (wetland at 2:1 ratio)
M - KC	Pettis	2007	02/16/07	0.050			200600636	\$4,763.00	Key Construction, Inc.	Box culvert at railroad project at unnamed tributary of Brushy Creek
O - STL	Jefferson	2007	03/02/07	0.430			MVS-2006-1024	\$9,621.00	Collins Commons Development	North Slope residential subdivision, unnamed ephemeral tributary to Plattn Creek, a primary tributary to Mississippi River
M - KC	Jackson	2007	03/09/07	0.860			200601046	\$32,634.00	39th Street Transportation Dov. District	
M - KC	Platte	2007	03/28/07	0.120			200602710	\$23,109.00	Tiffany Square, Inc.	0.43 acre wetland at 2:1 ratio
M - KC	Jackson	2007	04/13/07	0.020			200601813	\$3,491.00	Investors Limited LLC	Tiffany Springs Development, unnamed tributaries to Second Creek
M - KC	Cass	2007	04/13/07	0.330			200601418	\$14,064.00	The Simmons Company	Harrisonville Market Place, Town Creek - 110' stream impact + 0.32 acre wetland
M - KC	Jackson	2007	06/08/07	0.026			200602182	\$2,360.00	City of Independence	Jackson Drive extension; 0.26 acre wetland

Corp Dist	Region	County	Date Received Year	Juris. Ares.	WICredits	Permit #	Fee Collected	Corps Applicant	Notes
M - KC	Lafayette	2007	06/27/07	0.150		NWK-2007-981	\$6,861.00	Union Pacific Railroad	Bridge 240/20 Replacement; .15 acre wetland
M - KC	Clay	2007	07/13/07	0.100		200601980	\$5,040.00	Hunt Midwest	North Oak Village project; .10 acre wetland
M - KC	Platte	2007	08/06/07	0.080		2007-0831	\$4,320.00	City of Riverside	Bridges over Line Creek project; .08 acre wetland
O - Oz	Shannon	2007	09/19/07	0.000		4362 200700028	\$152,670.00	Missouri Department of Transportation	Route 60 additional lanes
M - CE	Cole	2007	09/24/07	0.230		200401626	\$23,022.00	Pickett Ray & Silver, Inc	Wal-Mart Stores Cole County Route 501B3
O - STL	St. Louis	2007	10/01/07	0.918		P-25356	\$48,688.00	Metropolitan Sewer District	January-Thurston Storm Extension (2000040)
M - KC	Clay	2007	10/29/07	0.470		206-3150	\$35,538.00	Dean Ledford Homes, LLC	Interurban Heights residential development
M - CE	Boone	2007	11/09/07	0.000		5787 2007-670	\$202,545.00	MO Department of Transportation/City of Columbia	Gans Creek, Highway 63 Interchange Phase 4 Little Blue Parkway between 39th and Mize Road .02 acre wetland
M - KC	Jackson	2007	11/20/07	0.020		160112007-365	\$58,177.00	City of Independence	
O - STL	St. Louis	2007	11/20/07	0.478		P-2329	\$25,745.00	Metropolitan Sewer District	Kirkwood road Commerce-Beardon Vertical concrete wall
M - KC	Clay	2007	12/15/07	0.040		2007-0209	\$8,522.00	Steve Rogers - Rogers Plaza	Construction of Rogers Plaza Commercial Development
			Total	7.072		11750	\$843,215.00		
KC	M - NW	Buchanan	2008	01/30/08	5.320	NWK-2007-275 modified	\$21,517.00	JSC Development, Briarcliff Development Co.	Tuscany Village - under old method
KC	M - KC	Platte	2008	02/06/08		3744 NWK-2007-1928	\$137,538.00	Jefferson County	Roadway interchange Tullison and NW Briarcliff ; .14 acre wetland
STL	O - STL	Jefferson	2008	02/21/08	0.014	MWS-2006-494	\$3,481.00	Public Works Dept.	Seckman Road Reconstruction
KC	M - CE	Boone	2008	02/27/08	3.158	2006-03126	\$16,148.00	CS. Properties, LLC	Ashland Crossing

Corp Dist	Region	County	Year	Date Received Info SSTE	Juris. Acres	Mit. Creds	Permit #	Fee Collected	Corps Applicant	Notes
STL	O - STL	St. Louis	2008	03/14/08	1.154		2000-03810 NW23	\$15,803.00	Missouri Department of Transportation	This relates to a project in their files from 2000, during an audit it was determined that the contractor had not performed sufficient mitigation. The COE required 2:1 mitigation as a correction.
STL	O - SE	Francois	2008	03/28/08		1600	MVS-2007-552 NWP39	\$56,000.00	Parkland Health Center	TKG-RKS Joint Commercial Dev. Rts. 60 and 160
LR	O - SW	Greene	2008	04/11/08	0.370		2008-20576-1 NWP39	\$2,914.00	Venture	Nifong Blvd Extension / Mill Creek
KC	M - CE	Boone	2008	08/07/08		1650	2007-01762 NWP39	\$57,750.00	Jeffrey E Smith Co - ENTRIX Consultant	Facilities Expansion impacting unnamed tributary of Coldwater Creek
STL	O - STL	St. Louis	2008	09/16/08		1312	MVS-2007-704 NWP39	\$45,920.00	Prairie Farms Dairy, Inc - Richard O'Brien	Prairie Farms Dairy, Inc - Richard O'Brien
KC	M - KC	Johnson	2008	09/19/08	0.300		NWK-2007-2079	\$12,306.00	Johnson County Comm. - Hammington & Cortelyou, Inc	Replacement of Bridge #21800201 over Bear Creek & road alignment
KC	M - KC	Pettis	2008	10/01/08	0.600		2007-01099 NWP 39	\$3,702.00	Thompson Hills West Hwy 50 Develop.	Storm culvert placement with minor excavation & placement of rock backfill for 265 linear feet
KC	M - CE	Cole	2008	10/16/08	6.660		200601815	\$84,099.00	JC Area Chamber of Commerce	Discharge 52,100 cubic yds of on-site soil & concrete in US waters as part of Mitta Drive Industrial Park infrastructure
KC	M - KC	Jackson	2008	10/21/08			2567 NWK-2007-808	\$89,845.00	City of Lees Summit MODOT	I-470 & Strother Rd Project involving placing fill material in Little Blue River
KC	M - KC	Clay	2008	11/18/08	0.410		200502648 - NWP 29	\$5,408.70	BPI Midwest LLC	Construction of Northview Meadows residential development - placement of fill in East Fork of Shoal Creek
KC	M - KC	Lafayette	2008	12/29/08			3110 NWK-1984-1524	\$108,850.00	MoDot	Realignment of 3.1 miles of Route 13 southeast of Lexington in Lafayette County
				2008 Total	17.686		13983			\$661,281.70

Cap Dist	Region	County	Year	Date Received into SCCR	Acres	Mile Cells	Permit #	Fee Collected	Corps Applicant	Notes
KC	M - KC	Johnson	2009	03/18/09	0.050		NWK-2009-0218	\$3,230.70	Southern Star Central Gas Pipeline, TransCanada Keystone Pipeline,	Replacement of approximately 2-miles of pipeline
KC	M - KC	Multiple	2009	04/27/09	4.890		NWK-2006-0957 &	\$178,922.70	L.P. Pruden Co.	Crude oil pipeline from Buchanan to Randolph Counties
KC	M - NW	Buchanan	2009	05/07/09	0.250		NWK-2008-2148	\$10,490.70	BlueScope / Vancor-Commercial Development - Plant Expansion	
KC	M - NW	Buchanan	2009	05/26/09		2211	NWK-2008-1239	\$55,275.00	St. Joseph School District	Construction of new elementary school
STL	O-STL	St. Louis	2009	07/08/09			2095 P-2683	\$52,375.00	City of Maryland Heights	Re-development of office / warehouse - Millwell Green Development / new government center
LR	O-SE	Butler	2009	07/31/09			2296 2001-17280-2	\$57,400.00	Cripple Creek Transportation District	
LR	O-SW	Taney	2009	08/07/09			1385 2008-00322	\$34,125.00	Overland Property Group	Shelby Road Project Apartment complex - Bee Creek tributary
STL	O-SE	Madison/Wayne/Butler	2009	08/24/09			2380 MVS-2006-655	\$59,500.00	MoDot	Route 67 Project
STL	O-STL	St. Louis	2009	10/27/09			3073.40 P-2712	\$76,835.00	City of Frontenac	Construction of stormwater improvements
KC	M - KC	Jackson/City	2009	11/13/09			738.16 20017-289	\$18,454.00	MoDot	Kelcon Project in Kansas City, MO
KC	M - NW	Buchanan	2009	11/30/09	0.290		NWK-2009-1417	\$11,842.70	St. Joseph Regional Port Authority	Road construction / parking lot @ 4001 Stockyard Express
				Total		5.48	14158.56	\$558,550.80		
MEM	O - SE	Scott	2010	02/17/10			2825.00 MVM-2009-383	\$70,625.00	MoDot	Construction of new outer road east of Interstate 55 in Scott City, MO
STL	O-STL	St. Louis	2010	03/05/10			299.00 MVS-2008-651	\$7,475.00	Florissant Real Estate Investors	Garden Plaza Project - Construction of independent / assisted living community
KC	M - KC	Platte	2010	04/23/10			2262.00 NWK-2010-376	\$56,550.00	MoDot	Widening of Route 45 near Parkville, MO

Co./Dist.	Region	County	Year	Date Received	Units	Permit#	Fee Collected	Corps Applicant	Notes	
KC	O-STL	Franklin	2010	06/03/10		NWK-2010-00770	\$9,975.00	Franklin County, Division of Public Works	Road repairs along Little Tavern Creek in St. Albans, MO	
KC			2010	06/03/10		NWK-2009-00423	\$126,000.00	APAC - Missouri, Inc.	Individual Permits - Actual 404 permit & 401 water quality certification pending	
STL	M-NE	Adair	2010	06/18/10		MVS-2009-97	\$53,150.00	Bob Rockhold	Rock Lake project - private lake within unnamed tributary to Bear Creek	
STL	O-STL	St. Louis	2010	08/09/10		MVS-2009-787	\$20,225.00	H.B. Realty Corp	Laurel Bluffs residential development	
KC	M-NW	Daviess	2010	09/23/10		2010-01441	\$34,800.00	MoDot	Relocate/realign portion of Sampson Creek at Route T bridge (NO262)	
STL	O-STL	St. Louis	2010	11/09/10	0.22	MVS-2008-13	\$9,869.00	City of Maryland Heights	Frankie Shurnate Stormwater Improvement Project	
				Total	0.22	15152.00	\$368,669.00			
STL	O-STL	St. Louis	2011	04/10/11		875.00	MVS-2009-243	Metropolitan St. Louis Sewer District	Breakings #10331 Channel Improvements	
KC	M - KC	Cass	2011	05/31/11		873.00	NWK-2008-292	\$21,825.00	Sioux Chief Manufacturing	Permit #NWK-2008-292
KC	M - KC	Clay	2011	08/11/11		4666.00	NWK-2011-386	\$116,650.00	MoDot	MoDot jobs #J4U1165 and J4U1166: placement of fill material within the tributaries of Shoal Creek
KC	M-NW	Buchanan	2011	08/24/11		507.00	NWK-2011-350	Christie Development Associates, LLC	Cook Crossing, Belt Highway & Cook Rd; placement of fill into unnamed tributary to Roys Branch Creek	
STL	O-STL	St. Louis	2011	11/23/11		3385.00	MVS-2010-231 (P-2770)	\$84,625.00	Metro	Discharge fill material into Intermittent tributary which flows into the River Des Peres for improvement of the rail alignment at the Metro UMSL South Station
				Total	0.00	10306.00	\$257,650.00			

Corp Dist.	Region	County	Year	Date Received into SSTR	Acres	Mit. Criteria	Permit#	Fee Collected	Corps Applicant	Notes
LR	O-SE	Builer	2012	02/15/12			SWL-2010-00954	\$65,075.00	Health Management Associates/Poplar Bluff Regional Medical Center	Construction of a medical facility with offices, parking & additional infrastructure - Pike Creek & two other ponds
KC	M-CE	Boone	2012	03/09/12			351.00 2011-01224	\$8,775.00	G2 Enterprises of Columbia	Site improvements in tributary of Bear Creek, Porche Crock Boone County / Joe Machens Ford - Engineering Surveys & Services
STL	O-STL	St. Louis	2012	04/25/12			189.00 MVS-2011-713	\$4,725.00	QuikTrip	QuickTrip No. 605 Travel Center City of California North Owen Street & West North Street / stormwater project
KC	M-CE	Moniteau	2012	05/01/12			299.00 NWK-2011-0168	\$7,475.00	City of California	Shrewsbury Yard mitigation fees, Deer Creek
STL	O-STL	St. Louis	2012	05/29/12			1568.00 P-2815	\$39,200.00	Lachado Gas Company	Wingate South Development, Hinkson Crock, Boone County
KC	M-CE	Boone	2012	07/31/12			NWK-2012-00693	\$19,360.00	BJO Inc	QuickTrip No. 615R Travel Center
STL	O-STL	St. Louis	2012	09/13/12			774.40 1168.00 MVS-2012-299	\$29,200.00	QuikTrip	City of Independence: North Jackson Drive extension between Mize Rd & Holke Rd
KC	M-KC	Jackson	2012	12/07/12	0.08		2007-0273	\$4,319.70	Olsson Associates	Detention basin constructed in 2006 without Corps authorization; tributary of Brushy Creek
KC	M-KC	Pettis	2012	12/27/12			1798.00 NWK-2010-00427	\$44,950.00	ProEnergy Services	
			2012 Total		0.08		\$750.40			\$223,079.70
KC	M-KC	Cass	2013	02/05/13			1676.00 NWK-2008-866	\$41,900.00	Terra Technologies/LLJ3 PANDI LLC Remitter: Swallow Tail LLC	Loch Llyod north residential development; fill material placement in tributary of Mill Creek/Cass Co
KC	M-KC	Cass	2013	02/05/13			874.00 NWK-2008-1542	\$21,850.00	Terra Technologies/LLJ3 PANDI LLC Remitter: Swallow Tail LLC	Construction of a golf course at the Village of Loch Llyod; fill material placement in tributary of Mill Creek/Cass Co

Corp Dist.	Region	County	Date Received	Juris.	MtG Chars	Permit #	Fee Collected	Corps Applicant	Notes
1R	O-OZ	Carter & Shannon	2013	04/02/13		2332.00 2007-00028-1	\$58,300.00	MoDot	Permit No. 2007-00028 modified; Route 60 in Carter & Shannon Counties
		Total prior to New instrument							
	O-SW	Pork & St. Clair	2016	02/15/16	7,890	NWTR-20103-01766	\$122,050.00		Upgrade a 9.1 mile portion of Route 13 from two-lane to four-lane
		Total	2016		7,890		\$36,655.00		
		Grand Total			91.61	78,981.96	\$5,940,520.61		

Appendix B—

Status of Approved Old Program Mitigation Projects as of December 31, 2020

APPENDIX B--Status of Approved Old Program Mitigation Projects as of 12/31/2020

Proj #	Cont Dist	Region	Year	County	Project Description	Land owner	In-Acres	Riparian Acres involved	Credit	Allocated Funds	Expended Funds	Funded Difference	Status
00001	M - NW	2002	Harrison		Streamside wetlands and associated vegetative buffers will be installed along select streams within targeted priority watersheds in the Northwest Region. Wetland developments will serve to filter crop field run-off from tile-outlet systems to improve the water quality of associated streams. Outlet systems currently discharge directly into streams. Locations to be determined. Thirty-year agreement. Approved 04/19/02.	ForCye, Richard	3.00	12.35		\$20,000.00	\$13,656.16	\$6,343.85	COMPLETE
00002	O - STL	2002	Crawford		Two reinforced stream crossings were installed on private land along the Little Bourbeuse River. The Little Bourbeuse is a priority watershed targeted by MDC East Central Regional staff, for protection, enhancement and habitat improvements. The watershed contains a federally listed endangered species, the scaleshell mussel. Thirty-year agreement. Approved 04/19/02.	Murphy, C. Dale	0.55	0.55		\$8,000.00	\$4,414.32	\$3,585.68	COMPLETE

Proj #	Com Dist.	Region	Year	County	Project Description	Land Owner	Jur. Acres	Riparian Acreage Involved	Credits	Allocated Funds	Expended Funds	Funded Difference	Status
0003	M - NW	2002	Buchanan		Project has restored and enhanced a .8 mile section of Castle Creek. Castle Creek, a targeted watershed, is considered one of the most natural and least disturbed prairie streams in the Platte River Basin. The landowners agreed to a thirty-year conservation easement to provide lasting conservation benefits. The easement will protect riparian corridor and associated stream habitat. Thirty-year easement. Approved 10/29/02.	Andrews, Kelly	1.81	23.61		\$57,867.57	\$20,465.00	\$36,882.57	COMPLETE
0004	M - NW	2002	Clinton		Streambank stabilization techniques will be used to protect and restore riparian buffers, floodplain, and associated uplands on private land along the Little Platte River, an MDC targeted watershed in the Northwest Region. The landowner has agreed to donate a perpetual easement to provide lasting conservation benefits. The property is immediately downstream of MDC's Lathrop Bridge Access and adjacent to The Nature Conservancy's Three-Dedman Memorial Woods. Perpetual easement. Approved 10/29/02.	Holmelt, Sam	7.93	61.06		\$12,000.00	\$16,734.75	\$25,265.25	COMPLETE

Proj. #	Corp. Dist.	Region	Year	County	Project Description	Land-owner	Jct. Access	Riparian Acreage Involved	Credits	Allocated Funds	Expended Funds	Funded Difference	Status
00005	O - SE	2002	Boltinger		Streambank stabilization techniques and bendway walls will be used to protect and restore riparian buffers along Crooked Creek. The landowner will agree to a permanent easement on the restored area and riparian corridor. Crooked Creek is a targeted watershed for MDC. Perpetual easement. Approved 10/29/02.	Kuhlmann, Tom	1.14	1.14		\$30,000.00	\$10,079.31	\$19,920.69	COMPLETE
00006	O - SE	2002	Cape Girardeau		One grade control structure will be installed to protect and restore riparian buffers along Hubble Creek. The grade structure will not be installed until approximately 40 acres of adjacent riparian buffers are enrolled in the Conservation Reserve Program's riparian buffer practice. Hubble Creek is a largemouth watershed. This component is part of a larger, multi-parter effort to stabilize the stream system while maintaining healthy community growth within the watershed. Thirty year easement. Approved 10/29/02.	Bodenstein, Art	3.50	40.00		\$130,000.00	\$113,490.60	\$16,509.40	COMPLETE
2002 Total							20.97	138.74		\$287,867.57	\$179,260.13	\$108,607.44	

Proj. #	Corp. Dist.	Region	Year	County	Project Description	Land-owner	Jur. Acres	Riparian Acreage Involved	Credits	Allocated Funds	Expended Funds	Funded Difference	Status	
00007	O - SW	2003	Dallas		Grant funds will be used to design and replace an existing low water crossing on Thomas Creek, a tributary to the Little Niangua River. Total cost of the project is estimated at \$110,000 with the majority of funding coming from the Federal Emergency Management Agency (FEMA). Improving road crossing to facilitate intra-population movements and seasonal migrations is a management and recovery goal to protect existing populations of the Niangua darter. The newly designed crossing will allow for improved sediment transport and increased stream stability. Thirty-year contract. Approved 06/02/03.	Dallas County Commission	0.10	0.10		\$10,000.00	\$9,940.00		\$60.00	COMPLETE
00008	O - SW	2003	Taney		Grant funds will be used to establish beneficial stream practices on two adjoining landowner's property in the Tumbling Creek watershed. Practices to be established include removing livestock from the stream, development of alternative watering systems, and constructing fencing to protect/restore the riparian corridor. All of the property lies within the recharge area of the tumbling creek cave. The cave is the only known habitat for the tumbling creek cave snail, a federally listed endangered species. Two other federally listed species reside in the cave, the Indiana bat and the gray bat. Thirty-year easement. Approved 09/04/03.	Aley, Tom & Cally	11.70	37.30		\$50,810.00	\$27,958.61		\$22,851.39	COMPLETE

Proj #	Corp Dist	Region	Year	County	Project Description	Land Owner	U.S. Acres	Riparian Acreage Involved	Credits	Allocated Funds	Expended Funds	Funded Difference	Status
					2003 Total								
0009	O - STL	2004	Jefferson		Purchase the 5.87 acre Gleb tract adjacent to the Young Conservation Area. The Conservation Commission approved receipt of the donation of the tract from the MCHF at the January 2004 meeting. The tract includes a section of LaBarque Creek, a Department-identified priority watershed which is threatened for development. Purchase in Fee - title.	MDC	11.80	37.40	\$60,810.00	\$37,898.61	\$13,250.00	\$6,000.00	COMPLETE
0010	O - SW	2004	Stone		A low water crossing will be renovated on Crane Creek to allow fish passage and reduce stream impacts to one of the region's remaining wild trout streams. Primary benefits beyond stream fisheries benefits include cooperation with County officials and improved recognition of stream and riparian concerns. Thirty-year easement. Approved 6/23/04. Add'l funding approved 03/07/06.	Stone County Commission	0.10	0.10		\$46,000.00	\$46,000.00	\$0.00	COMPLETE
0011	O - SE	2004	Buller		Construct bankway weirs and complete riparian corridor reforestation on private property along Tenmile Creek, a MDC targeted watershed. Project utilizes streambank stabilization techniques and targets a priority stretch of stream with a special emphasis smallmouth bass management zone. Thirty-year easement. Approved 6/23/04.	Krichert, Richard	1.20	5.50		\$20,000.00	\$18,531.88	\$1,468.12	COMPLETE

Proj. #	Cont. Dis.	Region	Year	County	Project Description	Land owner	Jur. Acres	Riparian Acreage Involved	Credits	Allocated Funds	Expended Funds	Funded Difference	Status
0012	O - Oz	2004	Texas		Streambank stabilization project upstream of the Ozark National Scenic Riverways Property along the Jack's Fork River. Bendway weirs will be used along private property owned by the local VFW Chapter to reduce sediment and improve water quality. Thirty-year easement. Approved 6/23/04. CANCELLED.	VFW	0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	CANCELLED
0013	M - NW	2004	Harrison		This project will restore and protect a natural riparian corridor on about 12 acres of private farmland along the mainstem and spring-fed tributaries of Sugar Creek. The proposed restoration will be accomplished through a combination of 1) enrollment of 7 acres of cropland, 10 acres of pastureland into 15-year contracts for riparian buffers under the USDA's Continuous Conservation Reserve Program (CCRP), and 2) easement payments to maintain these buffers for a total of 30 years. Easement payments will also be made to protect 25 acres of existing wooded corridor for 30 years. Thirty-year easement. Approved 11/03/04.	Klindl, Ryan	7.00	42.00	\$35,000.00	\$32,220.03	\$2,779.97	\$2,779.97	COMPLETE

Proj. #	Corp. Dist.	Region	Year	County	Project Description	Land-owner	Jur. Acres	Riparian Acreage Involved	Credits	Allocated Funds	Expended Funds	Funded Difference	Status
0014	O - OZ	2004	Ripley		Partial funding of the acquisition of the Wolf-Bauman tract in partnership with the Missouri Department of Conservation would provide both watershed and riparian corridor protection for a high quality riparian site. A perpetual conservation easement will be placed on the 158-acre riparian corridor and ownership will be with the Missouri Conservation Commission. The tract has unique natural features: gray bat maternity cave, two springs, numerous tons, over 5,800 feet of frontage on the north prong of the Little Black River, mesic bottomland forest, swamp rabbits, and cane stands. The Curtis peearly mussel, pink mucket, and four other listed species of mussels are documented in the Little Black River. Acquisition – Perpetual Easement Approved 11/03/04. CANCELLED.	Wolf/Bauma	0.00	0.00		\$0.00	\$0.00	\$0.00	CANCELLED

Proj. #	Corp. Dist.	Region	Year	County	Project Description	Land-owner	Jur. Acres	Riparian Acreage Involved	Credits	Allocated Funds	Expended Funds	Funded Difference	Status
00115	O - STL	2004	Crawford, Franklin, Gasconade	Little Bourbeuse/Brush Creek/Lick Creek	Streambank protection and aquatic habitat will be restored and protected on private lands through a watershed approach by re-establishing riparian corridor by excluding livestock, tree plantings, constructing reinforced stream crossings and alternative livestock watering systems along with cedar tree and rock bank placements. Thirty-year maintenance agreements. Approved 11/03/04. Add'l funding approved 03/18/07.	LITTLE BOURBEUS E: Baker; Roth; Bindner, Dan; Bindnor, Mark; Bottom, Mike; Brower, Brad; Copling, David; Copling, Robert; Kitchen, Floyd; Muller, Delbert; Muller, William; Mullen, Phil; Wallach, Susan; Wallis, Marc, etc.	341.00	126.00	\$249,300.00	\$250,258.39	-\$959.39	COMPLETE	
00116	M - CE	2005	Miller	Massman Slab Bridge Replacement on Travem Creek. Structure located at a documented Niangua darter location site. Cooperative Agreement with MDC and Miller County Commission. Approved 02/11/05. Add'l funding approved 12/6/05.	Miller County	5.20	0.70	\$369,550.00	\$360,261.30	\$9,288.70	\$0.41	COMPLETE	
2004 Total						43.30	179.47						

Proj #	Corp Dist	Region	Year	County	Project Description	Landowner	Jur. Acres	Riparian Ac/age involved	Credits	Allocated Funds	Expended Funds	Funded Difference	Status
0017	M - NE		2005	Marion	Bringer Conservation Easement on properties bordering Troublesome Creek, a major tributary of the South Fabius River. Project would protect this quality stream reach containing mature wooded corridor and enhance MDC's McPike Access. Permanent Easement. Approved 02/11/05.	Bringer, Marvin and Loretta	22.00	100.80	\$160,301.00	\$152,085.53	\$8,215.47	COMPLETE	
0018	O - SW		2005	Greene	Located on Pomme de Terre River in northeast corner of Greene County, this is a 4th order stream and drains 49,507 acres. Accelerated erosion. Site within federally designated critical habitat for Niangua darter. Installation of 10-11 bendway weirs, riparian corridor, 8-paddock rotational grazing system, cattle to be excluded from the corridor. Partners are MDC, EQIP and landowner. MCHF funds to be used to assist with purchase of rip-rap for the bendway weirs. Special agreement. Approved 05/26/05.	McNally, Paul Hartman, Ron Cline, Junior H.	2.10	4.00	\$29,000.00	\$26,262.17	\$3,337.83	COMPLETE	
0019	M - CE		2005	Moniteau	North Moreau Creek site (about 600 feet long) has substantial soil erosion. Funds to cover bendway weir rock, hauling and installation, easement and title work, survey, installation of trees, easement purchase. Permanent easement. Approved 05/26/05.	Blech, Fred	1.75	2.25	\$78,283.13	\$47,780.30	\$30,502.83	COMPLETE	

Proj. #	Corp./Region/ Dist.	Year	County	Project Description	Land-owner	Credit Acreage Involved	Allocated Funds	Expended Funds	Funded Difference	Status	
0020	M - CE	2005	Cole	North Moreau Creek site (about 400 feet long) has substantial soil erosion. Funds to cover boulders, rock, hauling and installation; easement and tile work, survey, installation of trees, easement purchase. Permanent easement. Approved 05/26/05.	Blech, Terry and Tammy	1.40	2.00	\$37,475.00	\$30,443.68	\$7,031.42	COMPLETE
0021	M - CE	2005	Osage	Located in lower Maries River watershed. SSSTF funds will pay for 75% of installation of 10' berms/walls to stabilize an eroding bank 120' long x avg. 13' high. This watershed is home to the Niangua darter, a Federally endangered species. Landowner has restored riparian corridor and will donate the easement. Thirty-year easement. Approved 05/20/05.	Sennott, Rick	15.60	9.70	\$47,500.00	\$39,535.65	\$7,964.35	COMPLETE
0022	O - SW	2005	Polk	Landowner operates a dairy farm on Little Pomme de Terre River, within the range of the Niangua darter, a federally endangered species. Project includes installation of a longitudinal fill stone toe protection on 25' of streambank and protection for adjoining riparian corridor. Project is within an area under a 15-yr. Federal CP22 Riparian Easement/stock exclusion fencing agreement currently under construction. Riparian area of .7 ac and 44 ac of stream channel will be protected for SSSTF 30-yr. contract period. Special agreement. Approved 08/20/05.	Gelle, Chuck	0.44	1.90	\$7,565.00	\$4,345.39	\$3,239.61	COMPLETE

Proj. #	Corp. Dist.	Regen.	Year	County	Project Description	Land owner	Jur. Acres	Riparian Acreage involved	Credits	Allocated Funds	Expended Funds	Funded Difference	Status
0023	O - SW	2005	Dallas		Located on Niangua River immediately upstream from Hico Ford. This project will stabilize 275' section of streambank upstream from an existing low-water crossing currently threatened by structural failure and located within the federally designated critical habitat for the Niangua darter. Special agreement. Approved 08/20/05.	Dallas County Commission	0.57	0.00	\$13,500.00	\$11,415.20	\$2,084.80	COMPLETE	
0024	O - STL	2005	Jefferson		Proposed acquisition of 200-acre Cyrus, Cyrus tract which includes 2,400' George of LaBarque Creek, a permanent flowing Ozark border stream which supports 42 species of fish, for watershed protection. Acquisition/Permanent Easement. Approved 08/20/05. Add'l funding approved 03/16/07.	Cyrus (tract only)	5.20	33.10	\$181,500.00	\$182,135.20	-\$635.20	COMPLETE	
0025	M - CE	2005	Osage		Located in the lower Maries River watershed 4 miles south of Westphalia. SSTF funds will cover 50% of installation of 7 bankway wiers to stabilize eroding bank 1,000' long x avg. 10' high. Landowners will donate the easement. Thirty-year easement. Approved 12/06/05. Add'l funding approved 03/16/07.	Jeffries, Michael & Rowan, Kenneth	14.10	2.50	\$14,948.00	\$20,873.00	-\$5,925.00	COMPLETE	
0026	O - SW	2005	Greene		Ward Branch urban stream restoration in James River watershed. Tabic Rock Lake is the receiving water body. SSTF funds to be used for bank sloping, rock placement and corridor planning. MDC, Greene County and City of Springfield are partners. Special Agreement. Approved 12/06/05.	Twin Oaks Country Club	0.49	1.00	\$40,000.00	\$36,342.53	\$3,657.47	COMPLETE	

Project #	Crop Dist.	Region	Year	County	Project Description	Land Owner	Jur. Acres	Riparian Acreage Involved	Credits	Allocated Funds	Expended Funds	Funded Difference	Status
					2005 Total								
D0227	M - NE	2006	Knox		Construction of reinforced stream crossing at Troublesome Creek (South Fabius watershed) In return for protection on 0.75 miles of stream channel (3.6 acres) and 15.2 acres of riparian corridor. Special Agreement. Approved 03/07/06.	Troublesome Farms, LLC	3.60	15.20	0.00	\$717,266.68	\$657,792.69	\$59,473.99	COMPLETE
00228	M - CE	2006	Cooper		West Brush Creek highway慰 project for actively eroding 12-foot high stream bank. Part of upper Moniteau Creek Agricultural Non-Point Source Special Area Land Treatment (AgNPS SALT) area. Permanent Easement. Approved 03/07/06.	Schmidt, Kevin	1.75	2.75	0.00	\$38,702.00	\$28,065.40	\$10,636.60	COMPLETE
00229	O - OZ	2006	Phelps		Proposed acquisition of 168 acres of Bohigian tract (168 x \$2,996/acre) which includes 1.26 miles of Mill Creek, a Blue Ribbon Trout Area containing a population of naturally-reproducing rainbow trout, plus Hudgens Spring and two smaller springs, etc. Outside funding to be used toward acquisition of total 477-acre tract. Acquisition. Approved 03/06/06.	Bohigian, George	17.00	154.00	0.00	\$352,128.00	\$352,158.00	-\$30,001	COMPLETE

Proj. #	Corp. Dist.	Region	Year	County	Project Description	Land owner	Jur. Acres	Riparian Acreage Involved	Credits	Allocated Funds	Expended Funds	Funded Difference	Status
0030	O - SW	2006	Greene		James River bendway weir project for accelerated erosion at this 1,150' site in southeast Greene County. This is a 5th order stream which drains approx. 1,60,925 acres (220 square miles). Is one of the largest remaining free-flowing streams in the White River Basin, and supports a number of White River endemic species. Special Agreement. Approved 06/06/06.	Hopkins-John Mahlhorn, Gary	1.30	0.10		\$40,000.00	\$32,343.24	\$7,656.76	COMPLETE
0031	O - SW	2006	Berry		Flat Creek bendway weir project for accelerated erosion at this site. This is a 4th order stream which drains 58,283 acres (91.1 square miles) and the watershed contains the federally threatened and state endangered Ozark Cavefish. Flat Creek drains directly into Table Rock Lake. Special Agreement. Approved 08/06/06. CANCELLED.	Hubbs-Sillery	0.00	0.00		\$0.00	\$0.00	\$0.00	CANCELLED
0032	M - CE	2006	Maries		Mailes River bendway weir project to stabilize 1,200' length of stream with actively eroding 10' high stream bank next to hay field. Landowner to establish 50' riparian corridor utilizing USDA CCRP. Project not to be installed during spawning period of Niangua Darter. Special Agreement. Approved 09/12/06.	Renneke-Anthony	14.00	2.40		\$27,000.00	\$24,588.75	\$2,411.25	COMPLETE
0033	O - STL	2006	Jefferson		Proposed acquisition of 11.3 acres (up to \$17,100/acre), a portion of two tracts which contain over 1,600' of LaBarque Creek adjacent to Young CA. Conditioned upon MDC's purchase of the balance of 14.97 acres. Acquisition. Approved 08/12/06.	Oberkramer-Don	0.90	11.30		\$193,240.00	\$193,240.00	\$0.00	COMPLETE

Proj #	Corp Dist	Region	Year	County	Project Description	Land owner	Jur Acre(s)	Riparian Acreage Involved	Credits	Allocated Funds	Expended Funds	Funded Difference	Status
0031	O - SW	2006	Hickory	Funding to offset the additional cost of a closer-span structure versus replacement of an existing low water crossing on County Road 200, facilitating intra-population movements of the Niangua darter on the Little Niangua River. Special Agreement. Approved 12/05/06.	Hickory County Commission	12.10	0.00		\$30,000.00	\$30,000.00		\$0.00	COMPLETE
0035	M - NE	2006	Knox	Easement on high-quality tract of riparian corridor located on Troublesome Creek in the South Fabius watershed. This is one of the best stream resources in northern Missouri, which boasts excellent populations of native mussels and catfish. Permanent Easement. Approved 12/05/06.	Troublesome Farms, LLC	3.30	40.40		\$43,560.00	\$51,421.22	-\$10,861.22		COMPLETE
0036	M - NE	2006	Knox	Easement on high-quality tract of riparian corridor located on Troublesome Creek in the South Fabius watershed. This is one of the best stream resources in northern Missouri, which boasts excellent populations of native mussels and catfish. Permanent Easement. Approved 12/05/06.	Wedermetz, Herb and Leslie	0.60	7.50		\$7,425.00	\$10,442.63	-\$3,018.63		COMPLETE
2006 Total						55.05	236.65	0.00	\$735,305.00	\$729,629.31	\$5,875.69		

Proj #	Cnty / Cnty Dist.	Region	Year	County	Project Description	Land Owner	Jurisdictional Acres Involved	Riparian Acreage Involved	Credits Funds	Allocated Funds	Expended Funds	Funded Difference	Status
0037	M - NW	2007	Linn		Placement of two grade control structures in the pirating headcut channel from Higgins Ditch to Locust Creek and matching of two levees on the east side of Locust Creek to restore hydrology and protect wetlands in the park. Without project, complete loss of Locust Creek through park is probable. Special Agreement. Approved 03/16/07. Add'l funding approved 08/22/07.	DNR-Parks Parshing State Park	451.00	517.00	\$250,089.00	\$186,581.20	\$72,517.80	\$0.00	COMPLETE
0038	O - SE	2007	Perry		The L-A-D Foundation has a contract to acquire 40± acres adjacent to Ball Mill Resurgence National Area, which is currently managed by MDC's Forestry Division. SSRF funds would serve as reimbursement to the LAD Foundation for the purchase of riparian habitat and stream reach. Acquisition. Approved 04/02/07.	L-A-D Foundation	0.80	3.00	\$7,500.00	\$7,500.00	\$0.00	\$0.00	COMPLETE
0039	M - NE	2007	Macon		Construction of reinforced stream crossing across Long Branch Creek (Long Branch/East Fork Little Chaiton River watershed) and an easement for protection on 0.48 miles of Long Branch Creek and 0.17 miles untraced streams. Permanent Easement. Approved 08/22/07.	Mohain, Thomas	4.76	24.60	4,070.00	\$27,378.00	\$62,400.57	-\$35,022.57	COMPLETE
0040	O - Oz	2007	Shannon		Stabilization of eroding streambank on Jacks Fork River at campsite area located in Ozark National Scenic Riverways system. Special Agreement. Approved 09/07/07.	City of Eminence	3.50	3.20	3,378.00	\$18,455.00	\$21,302.25	-\$2,847.25	COMPLETE

Proj #	Corp/Region	Year	County	Project Description	Land-owner	Land-Acres	Riparian Acreage Involved	Credits	Allocated Funds	Expended Funds	Funded Difference	Status	
0041	M - CE	2007	Miller	Barren Fork low-water crossing removal and tree-span bridge replacement on Sequoia Road across Barren Fork Creek. Special Agreement Approved 12/6/07	Miller County	13.90	0.00	\$35,000.00	\$35,000.00	\$0.00	\$0.00	COMPLETE	
0042	O - OZ	2007	Texas	Land acquisition of Johnson tract - 3-sided Inholding on the Eck CA approx. 850 ft. of frontage on the Big Piney River. Acquisition Approve 12/6/07	Johnson, Mitchell	1.00	1.00	792.00	\$5,000.00	\$5,000.00	\$0.00	COMPLETE	
0043	M - NE	2007	Macon	Construction of light equipment crossing across Long Branch Creek and perpetual easement on approx. 41.6 acres uneven-aged timber, wooded riparian corridor, wooded wetlands and stable stream channel. Permanent Easement Approve 12/6/07	Wyatt, Robert and Ruth	41.60	41.60	\$45,438.00	\$56,267.43	-\$10,829.43	\$0.00	COMPLETE	
2007 Total						516.56	590.40	22,299.00	\$397,870.00	\$374,051.45	\$23,818.55		
0044	STL	O - STL	2008	Jefferson	Land acquisition of LaBarque Creek watershed -Protection purchasing over 3600 ft of LaBarque creek adjacent to Young CA partners include Holtom Settlement and forest legacy and MDC total project \$1,700,000 Acquisition Approve 2/22/08	Wild Canid Research and Survival Center	5.80	50.74	10,834.00	\$260,000.00	\$260,000.00	\$0.00	COMPLETE
0045	LR	O - OZ	2008	Shannon	Land acquisition of Horse Creek area adjacent to Angeline CA, In Current River Watershed stream joins the Jacks Fork River which is part of Ozark National Scenic Riverways syst. Partnered with ABC, INC, and MDC. Acquisition Approve 2/22/08	Lamping, Brent J.	0.00	37.00	4,096.00	\$55,500.00	\$55,500.00	\$0.00	COMPLETE

Prop #	Core Dist.	Region	Year	County	Project Description	Land owner	Jur-Acres Involved	Riparian Acreage Involved	Credits	Allocated Funds	Expended Funds	Funded Difference	Status
0046	KC	M - CE	2008	Cooper	Construction of Fix-Span Bridge and removal of low water crossing on Sandbank Drive across Draffen Branch (Montleau Creek tributary) in Cooper County. Improve passage for aquatic life including Topeka Shiner. (to MCHF Board May 7, 2008). Partnered with Cooper County Commission, (\$20,000), MDC (\$30,000), & US FWS (\$45,000). Approved May 7, 2008	Cooper County	0.01	0.00	\$43,500.00	\$43,500.00	\$0.00	\$0.00	COMPLETE
0047	LR	O - SW	2008	Lawrence	Design & Install a grade control structure to stabilize the streambeds of Center Creek (Spring River watershed) & provide a stable crossing for light equipment & livestock. Approved 8/14/08	McKnight, Jerry	2.40	7.10	10,707.00	\$50,000.00	\$19,012.79	\$30,987.21	COMPLETE
0048	KC	O - SW	2008	Polk	Installation of a rip rap rock stabilization structure(s) as designed by a certified engineering firm or MDC engineers to stabilize 330 ft of eroding bank of Little Wilson Creek in Pommie de Terre watershed. Approved 8/14/08	Arniakd, Alberta	0.70	0.00	\$14.00	\$60,000.00	\$17,640.89	\$32,359.11	COMPLETE
0049	KC	O - SW	2008	Lawrence	Installing grade control structures to stabilize the streambed of Cracker Neck Branch & the 2nd order tributary (Sac River watershed) & to provide stable crossings for light equipment. Approved 8/14/08	Clayton, Gordon	5.00	13.60	\$1,176.00	\$50,000.00	\$14,423.70	\$35,576.30	COMPLETE
0050	KC	M - NW	2008	Clinton	Funding for title search, survey, and recording fees associated with a donated perpetual conservation easement on about 18 acres of wooded stream corridor along the Little Platte River. Approved 12/4/08	Robinson, Jac & Laura	0.50	18.00	2,776.00	\$5,275.00	\$1,564.00	\$3,711.00	COMPLETE

Proj #	Corp Dist.	Region	Year	County	Project Description	Land-owner	Jur. Acres	Riparian Acreage Involved	Credits	Allocated Funds	Expended Funds	Funded Difference	Status
0051	KC	M - CE	2008	Boone	Forested riparian corridor addition, Moon Valley Lake dam removal, and eroding stream bank stabilization to restore a reach of Hominy Branch. Purchase easement to be held by MDC. Approved 12/4/08	Rogers, Margaret	2.50	20.00	16,654.00	\$37,830.00	\$31,999.60	\$5,890.40	COMPLETE
0052	KC	M - KC	2008	Johnson	Clear Fork Creek Riparian Restoration: Easement / Cattle Exclusion - Riparian corridor planting costs, alternative watering in the form of 2 ponds with freeze proof tanks, & fencing, 1 reinforced stream crossing, gully repair costs, & fencing pastures for stream exclusion. Approved 12/4/08	Corson, Phillip & Dixie	6.10	78.20	50,351.00	\$138,741.90	\$117,524.18	\$21,217.72	COMPLETE
0053	STL	M/O - CE/STL	2008	Crawford/Franklin/Gasca/Maplewood	Improve, restore & protect 30,000 ft of riparian corridor / stream for mussels & other species. Partners will work together with landowners wanting to install best management practices. Approved 12/4/08	Lower Bourbeuse COA, Watershed Committee	N/A	34.43		\$65,000.00	\$60,821.30	\$4,178.70	COMPLETE
0054	STL	O - STL	2008	Jefferson	LaBarque Creek Watershed Protection - Purchase of Gardner tract to connect MDC Young CA with Wild Canid property opening up potential greenway possibilities while protecting valuable riparian corridor along LaBarque Creek. Partner funds from MDC and Times Beach Settlement Funds. Land Acquisition. Approved 12/4/08 .	Gardner, Kim	2.30	12.09	5,824.00	\$138,000.00	\$138,000.00	\$0.00	COMPLETE
2008 Total							25.31	271.16	115,742.00	\$13,906.90	779,986.46	\$133,920.44	

Proj. #	Corp. Dist.	Regis.	Year	County	Project Description	Land owner	Jur. Acres	Riparian Acreage Invested	Credits	Allocated Funds	Expended Funds	Funded Difference	Status
0055	LR	O - SW	2009	McDonald	Indian Creek Streambank Stabilization - Upstream from Town Hole Access Aquatic COA - Installation of 3 bouldery weirs to protect the toe and reduce bank velocities along the rapidly eroding bend - Partner funds from NRCS (CCRP). Approved 3/4/09.	Taylor, Matthew	0.00	0.00		0.00		\$0.00	PENDING
0056	LR	O - OZ	2009	Ripley	Wolf/Bauman Tract in the Little Black River Watershed - Partial funding of the acquisition in partnership w/ MDIC. Approved 3/4/09.	Erwin & Thirma BaumantTrust	27.00	166.00	22,338.00	182,675.00	182,875.00	\$0.00	COMPLETE
0057	KC	O - STL	2009	Warren	Muhm Conservation Easement - Funding for stewardship fees & other easement-related expenses - Permanent easement held by Ozark Regional Land Trust. Approved 3/4/09.	Muhn, Yale & Adela	5.30	169.70	23,737.00	49,850.00	49,850.00	\$0.00	COMPLETE
0058	KC	O - SW	2009	Dallas	Burny Tract - Land Acquisition in partner with MDIC - Partial funding for 2.75 acres along the Niangua River adjoining Berry Bluff CA and Lead Mine CA. Approved 3/4/09.	Berry, Tom	20.60	54.40	21,175.00	170,018.25	170,018.25	\$0.00	COMPLETE
0059	KC	O - OZ	2009	Wright	Woods Fork of Gasconade River & Gail - Installation of rock structures to correct stream bank erosion problems - Additional funding from Wright County SWCD (\$5,000) - secured by 30-year special agreement. Approved 5/18/09.	Jones, Scott	4.50	3.10	6,341.00	56,000.00	16,400.20	\$42,590.80	COMPLETE
0060	STL	O - SE	2009	Cape Girardeau	Wills, Adrian - Installation of rock structures to correct stream bank erosion problem on Whitewater River - secured by permanent easement - Partner funds (\$5,877.30) from Farm Service Agency (CRP). Approved 5/18/09.	Wills, Adrian	6.10	21.50	7,734.00	65,285.00	48,647.53	\$16,637.47	COMPLETE

Proj. #	Coop. Dist.	Region	Year	County	Project Description	Land owner	Surf. Acres	Riparian Acreage Involved	Credits	Allocated Funds	Expended Funds	Funded Difference	Status
0061	LR	O - OZ	2009	Shannon	Mahans Creek Watershed Restoration - Partnered with MDC and NACCS to apply for EQIP funds to provide watershed, streambank, riparian, and livestock exclusion work to landowners in the watershed. Approved 5/18/09.	Various	ENDING PROJECTS			0.00	\$0.00	CANCEL	
0062	SW	O - SW	2009	Barry	Daymen Stabilization / Restoration - Easement and recording fees to stabilize the eroding stream bank on Flat Creek at the Stubblefield Acres - Partner funds (\$23,000) from MDC. Approved 8/27/09.	Daymen, David	1.40	1.00	1,347.00	700.00	\$99.10	\$209.10	COMPLETE
0063	LR	O - OZ	2009	Shannon	Replace low water crossing on Mahans Creek with an at-grade armored stream crossing utilizing concrete mattresses - Partner funds (\$4,800 in-kind labor & \$2,200 base rock) from Shannon County Commission. Approved 12/8/09.	Shannon County	0.75	0.00	3,038.00	23,600.00	22,041.50	\$1,558.50	COMPLETE
0064	LR	O - SW	2009	Newton	Livestock exclusion & permanent protective easement for 180 ft width of vegetated riparian corridor along Shoal Creek. Approved 12/8/09.	Walker, Aaron - Lakeview Farms LLC	0.00	0.00			0.00	\$0.00	CANCEL
0065	KC	O - SW	2009	Dallas	Replace low water crossing over Niangua River at Williams Ford with a clear-span bridge - Partner funds (\$55,000) from Dallas County Commission, (\$144,800 federal stimulus funds) from ARRA, & (\$10,000) from MDC. 30-yr easement. Approved 12/8/09.	Dallas County Commission	N/A	N/A	2,059.00	50,000.00	50,000.00	\$0.00	COMPLETE

Proj. #	Start Date	Region	Year	County	Project Description	Land owner	Riparian Acres involved	Credit	Allocated Funds	Expended Funds	Funded Difference	Status	
0066	KC	O - SW	2009	Dallas	Replace low water crossing over Little Niangua River at Dallas County School Road with a discar-span bridge - Partner funds (\$25,000) from Dallas County Commission, (\$85,000) from USFWS & (\$20,000 of in-kind (match & monitoring) from MDC. 30-yr easement. Approved 12/8/09.	N/A	N/A	746.00	60,000.00	50,000.00	\$0.00	COMPLETE	
					2009 Total								
0067	LR	O - Oz	2010	Carroll	Cattle exclusion, streambank stabilization, improved cattle crossings, riparian corridor protection & re-establishment, and alternative watering installation. Partner funds (\$30,976) from Carroll County SWCD, USFWS, & MODOT. Perpetual easement. Approved 5/12/10.	Gibbs, Allen Wayne	11.00	23.00	12,344.00	118,567.00	84,347.85	34,219.15	COMPLETE
0038	STL	O - Oz	2010	Phelps	Little Dry Fork Stream Stabilization - Rock for the longitudinal peaked stone toe, toe rock stabilization structure, & livestock limited access point. Approved 5/12/10.	Hodges, Charles	1.00	8.80	6,154.00	21,586.50	19,967.74	1,618.76	COMPLETE
0069	STL	O - SE	2010	Cape Girardeau	James Johnson Project - Installation of bendway weirs or structures to stabilize the stream bank. 20 acre Permanent Easement. Approved 8/26/10.	Johnson, James	3.80	20.00	5,084.40	44,800.00	41,203.76	3,596.24	COMPLETE
0070	KC	O - Oz	2010	Phelps	Haslag Conservation Easement - Haslag, Ralph Perpetual easement and stream bank stabilization to secure the creeks from development in the City of Rolla Sports Complex. Approved 8/26/10.	Haslag, Ralph	2.90	23.50	3,887.00	23,785.00	27,874.70	-4,089.70	COMPLETE

Proj. #	Corp. Dist.	Region	Year	County	Project Description	Land owner	Jur. Acres	Riparian Acreage Involved	Credits	Allotted Funds	Expended Funds	Funded Difference	Status
0071	KC	O - SW	2010	Dallas	Replace low water crossing over Little Niangua River at Dallas County Prosperity Road with a clear-span bridge - Partner funds (\$25,000) from Dallas County Commission, (\$875,000) from USFWS & (\$10,000) from MDC. 30-yr easement. Approved 12/03/10.	Dallas County Commission	N/A	N/A	2,300.00	\$5,080.00	\$5,628.00	-\$528.00	COMPLETE
					2010 Total								
0072	KC	O - OZ	2011	Phipps	Remove a low-water-slab stream crossing from Dry Fork creek and construct a light equipment and livestock strain crossing in the footprint of the old slab crossing - Partner funds (\$10,000) from USFWS (pending approval). 30-yr easement. Approved 2/25/11.	Scott Dickerhoff	1.80	N/A	3,328.00	10,000.00	9,242.75	\$757.25	COMPLETE
0073	LR	O - OZ	2011	Howell	Perkins Project - Proposed by Ozark Region Land Trust (ORLT). Perkins family desires to sell a conservation easement on the land (383 acre) that would limit development, protect forest cover, and keep their land intact. They are not interested in selling to the USFS (bordering land holder) at this time. Partner funds (\$50,000) ORLT private donor. Total contract estimated at \$630. Perpetual Easement. Approved 8/24/2011	Kazie Perkins	0.00	0.00	0.00	0.00	0.00	\$0.00	CANCEL

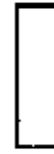
Proj. #	Corp. Reg'd Dist.	Year	County	Project Description	Land Owner	Acres Involved	Riparian Acreage Involved	Credits Funds	Allocated Funds	Expended Funds	Funded Difference	Status
0074	LR	O - Oz	2011	Dent	Dent County Commission Attn: Dennis Purcell	0.30	1.00	5,400.00	35,000.00	35,000.00	\$0.00	COMPLETE
0075	LR	O-SW	2011	Dallas	Dallas County Griffith Road Low Water Crossing Replacement Project. Replace low water crossing located on Dallas County Road over the Little Niangua River in Dallas County with a newly designed crossing that will allow for improved sediment transport and increased stream stability. Total project funds: \$200,000. Partner funds: \$25,000 Dallas County Commission; \$85,000 USFWS (pending approval); \$10,000 MDC (in-kind). Special Agreement. Approved	N/A	N/A	4,703.40	80,000.00	80,000.00	\$0.00	COMPLETE
0076	STL	O-SE	2011	Cape Girardeau	Pat McSpadden	0.00				0.00		CANCELLED

Proj. #	Coop Dist.	Region	Year	County	Project Description	Land-owner	Jur-Acres	Riparian Acreage Involved	Credits	Allocated Funds	Expended Funds	Funded Difference	Status
0030	LR	O-QZ	2012	Dent	Dent County Road 3210 Bridge over Spring Creek (Dry Fork PW). Replace existing low water crossing located on Dent County Road 2310 over Sinking Creek in Dent County with a low water bridge. Total project funds: \$205,000. Partner funds: \$75,80,000 Unknown (MoDOT, FWS), \$30,000 Dent County Commission in-kind contribution, \$5,000 MDC in-kind contribution. Special Agreement. Approved 8/17/2012	Dent County Commission Attn: Gary Larson	0.40	1.00	3,807.00	95,182.50	92,850.92	\$2,331.58	COMPLETE
0031	STL	O-SE	2012	Perry	LAD Foundation Riney Tract Project. Project is In the Blue Spring Branch/Bols Brule watershed; Riney Tract will add 3.3 miles of riparian buffer protecting Blue Spring Branch. Partner funds: \$185,000 LAD and \$2,952.05 MDC. Permanent Easement. Approved 8/17/2012	LAD Foundation	1.40	25.20	5,430.00	26,334.00	26,334.00	\$0.00	COMPLETE
0032	LR	O-SW	2012	Dallas	Jaffrey's Conservation Easement; Little Niangua River. Install streambank stabilization techniques at two sites, establish riparian corridor and enhance existing riparian corridor. Partner funds: \$15,000 (MDC) Permanent Easement. Approved 8/17/2012	Brett Jeffreys	9.70	54.00	20,054.00	124,611.00	88,778.13	\$35,832.87	COMPLETE
0033	KC	M-CE	2012	Miller	Miller Co. Pear Orchard Rd. LWC; Tavem Creek. Remove and improve passage barrier to benefit Niangua Darbar habitat. Partner funds: \$25,000 (Miller Co), \$100,000 (USFWS) pending approval and \$10,000 in-kind (MDC) Special Agreement. Approved 12/7/2012	Miller County	N/A	N/A	7,500.00	100,000.00	143,349.00	-\$37,349.00	COMPLETE

Proj. #	Corp. Dist.	Region	Year	County	Project Description	Land-owner	Jur. Acres	Riparian Acreage Involved	Credits	Allocated Funds	Expended Funds	Funded Difference	Status
0084	KC	M-CE	2012	Miller	Miller Co. Sequoia Rd. LWC; Tavern Creek. Remove and improve passage barrier to benefit Niangua Darter habitat. Partner funds: \$25,000 (Miller Co), \$100,000 (USFWS) pending approval and \$10,000 In-kind (MDC) Special Agreement. Approved 12/7/2012	Miller County	N/A	N/A	6,453.00	100,000.00	104,900.00	-\$4,900.00	COMPLETE
0085	KC	M-CE	2012	Miller	Miller Co. Tavern Cr Rd. LWC; Tavern Creek. Remove and improve passage barrier to benefit Niangua Darter habitat. Partner funds: \$25,000 (Miller Co), \$100,000 (USFWS) pending approval and \$10,000 In-kind (MDC) Special Agreement. Approved 12/7/2012	Miller County	N/A	N/A	6,309.00	100,000.00	112,063.80	-\$12,063.80	COMPLETE
0086	LR	O-SW	2012	Dallas	Hico Road Low Water Crossing Replacement Project; Niangua River. Removal of existing barrier in Niangua Darter habitat. Partner funds: \$35,000 (Dallas Co), \$125,000 (USFWS) pending approval and \$10,000 In-kind (MDC) Special Agreement. Approved 12/7/2012	Dallas County Commission	N/A	N/A	22,629.00	172,700.00	172,700.00	\$0.00	COMPLETE
0087	KC	M-NW	2012	Calif. Well	Cofaw Tract Acquisition; Log Creek. This tract is an AGOA (Aquatic Conservation Opportunity Area) based on the presence of rare species and quality habitat; this acquisition would be into the existing Bonanza CA and double MDC stream frontage ownership. Partner funds: \$106,400 (MDC) Acquisition. Approved 12/7/12	Richard Colaw	1.40	21.60	2,904.50	41,040.00	38,969.00	\$2,071.00	COMPLETE

Proj. #	Corp. Dist.	Region	Year	County	Project Description	Land-owner	Tract Acres	Riparian Acq/age Involved	Credits	Allocated Funds	Expended Funds	Funded Difference	Status
0088	LR	O-SW	2012	Dallas	Shiflett Tract Acquisition; Niangua River. 300 foot-wide riparian management zone to protect and enhance riparian functions. Partner funds: \$28,185 (MDC) Acquisition. Approved 12/7/12	Shawn Shiflett	N/A	22.40	2,993.30	44,776.00	44,776.00	\$0.00	COMPLETE
0089	KG	M-CE	2012	Camden	Ballenger Tract Acquisition; Wet Glazie Creek. Protect and enhance 183.7 acres within a priority watershed bordering Toronto Springs CA; this acquisition will benefit all area aquatic species including the state listed rare species Blacknose Shiner. Partner funds: \$219,540.88 (MDC) Acquisition. Approved 12/7/12	James Ballenger	8.50	177.20	31,392.000	293,734.01	277,552.00	\$16,182.01	COMPLETE
#0090	KC	M-KC	2012	Benton	Chamberlin Tract Acquisition; Flat Creek. This tract would add to the core area (currently 124.4 ac) within the PIF Model as described in the Greater Prairie Chicken Recovery Plan. Partner funds: \$466,010.07 (MDC) Acquisition. Approved 12/7/12	John & Paula Chamberlin	0.00	0.00	0.00	0.00	0.00	\$0.00	CANCEL
#0091	KC	M-NE	2012	Knox	Burson Easement & Crossings; S. Fabius. Perpetual easement on 113.7 acres and two reinforced stream crossings for timber management. Partner funds: N/A Permanent Easement. Approved 12/7/12	Burson, Wayne	8.90	104.80	17,161.850	122,563.00	171,001.28	-\$48,438.28	COMPLETE
2012 Total							35.32	503.40	143,337.73	1,528,563.51	1,581,836.04	-47,272.53	

Proj. #	Corp. Dist.	Region	Year	County	Project Description	Land Owner	Acres	Riparian Acreage Involved	Credits	Allocated Funds	Expended Funds	Funded Difference	Status
#0092	KC	MGE	2013	Morgan	Haw Creek Bendway Weir Project. Reduce streambank erosion, establish riparian corridor. Haw Creek Watershed included in the Gabriel Creek Streambank Stabilization 319 grant program. Partner funds: \$2,500 (Morgan Co. SWCD) Permanent Easement. Approved 5/16/2013.	Larry Oehrke	4.00	7.00	4,356.200	38,350.00	54,603.57	-516,259.57	COMPLETE
#0093	LR	O - SW	2013	Greene	FR 66 AOP Barrier Bridge Replacement. Replace Greene County Bridge 0660212 on Farm Road 66 in the Little Sac River watershed. Partner funds: \$321,205.94 (Greene County Highway Department - BRO alignment and soil money matches from MODOT) Special Agreement. Approved 5/16/2013.	Greene County Highway Department	0.48	0.00	2,709.75	25,000.00	25,000.00	\$0.00	COMPLETE
					2013 Total prior to New Instrument		4.46	7.00	7,095.98	63,350.00	79,609.57	-16,259.57	
					Grand Total		368.17	2,622.87	420,820.10	6,154,566.41	5,764,240.94	396,315.47	
					2020 Expenditures						\$14,765.43		



**Appendix C— Status of SSTF New Program Receipts as of
December 31, 2020**

APPENDIX C--Status of SSTF Program Receipts as of December 31, 2020

Corp Dist.	Region	County	Year Received into SSTF	EDU	Mit. Crdts	Permit #	Fee Collected	Corps Applicant	Notes
KC M-CE	Boone	2013	08/14/13 Ozark/Moreau/Loutre	533.00	NWK-2011-01568	\$13,325.00	JQB Construction		Allow access within a proposed residential subdivision located in an unnamed tributary to Mill Creek Permit No. 2003-07447 modified; Hinkson Creek
KC M-CE	Boone	2013	08/26/13 Ozark/Moreau/Loutre	790.40	NWK-2003-01414	\$19,760.00	MoDot		
2013 Total subsequent to New Instrument									
KC M-CE	Cole	2014	01/09/14 Ozark/Moreau/Loutre Central Plains/ Cuivre/Salt	3,370.50	NWK-2013-791	\$84,262.50	Land Investments, LLC		
STL O-STL	St. Charles	2014	03/17/14 Central Plains/ Blackwater/Lamine	5,266.00	MVS-2013-399	\$131,650.00	Lombardo Homes, LLC		Estates of Timberleaf Phase II Development of a limestone quarry operation which will excavate and process rock for commercial sale.
KC M-KC	Johnson	2014	03/17/14 Ozark/Moreau/Loutre	7,902.00	NWK-2013-00247	\$197,550.00	Radmacher Bros. Excavating		Construction of a Wal-Mart Supercenter retail facility
STL O-STL	St. Louis	2014	04/24/14 Upper St. Francis/Castor River	6,995.00	MVS-2012-131	\$174,875.00	THF Florissant Development, LLC		Redwing Ecological Services, Inc., Summit Proppants, Inc - Colony Church #1
STL O-SE	Genevieve	2014	05/12/14 Ozark/Meramec	1,470.00	MVS-2013-11	\$36,750.00	Summit Proppants, Inc		Jefferson County Dept of Public Works; Butcher Branch Road & Bridge MODOT #287002/1
STL O-STL	Jefferson	2014	07/11/14 Central Plains/ Cuivre/Salt	1,454.00	MVS-2013-169	\$36,350.00	County of Jefferson		SCI Engineering, applicant on behalf of Pulte Homes of St. Louis; Chestnut Creek residential development August A. Busch Memorial CA
STL O-STL	St. Charles	2014	07/25/14 Ozark/Moreau/Loutre	1,720.00	MVS-2013-707	\$43,000.00	Pulte Homes of St. Louis		Shooting Range Complex Renovation Project
STL O-STL	St. Charles	2014	09/26/14 Ozark/Black/Current	7,384.20	MVS-2013-702	\$184,605.00	Missouri Department of Conservation		Renovation and construction of new High School over Pike Creek
LR O-SE	Butler	2014	10/22/14 Ozark/Black/Current	1,597.00	2014-00244	\$39,925.00	Poplar Bluff School District R1		
STL O-STL		2014	11/04/14 Apple/Joachim	52.00	MVS-2004-2380	\$1,300.00	Centex/Pulte Home / SCI Engineering		Fox Ridge Residential Subdivision Number J92221
STL O-OZ	Phelps	2014	11/18/14 Ozark/Meramec	3,953.00	MVS-2014-295	\$98,825.00	MoDot		NWP No. 43 for Stormwater Management Facilities
		Total			41,163.70	\$1,029,092.50			
LR O-SW	Jasper	2015	02/24/15 Ozark/Osage	1,767.00	SWL-2014-00409	\$44,175.00	Ollison Associates / City of Joplin		
STL O-STL	St. Charles	2015	03/11/15 Cuivre/Salt	1,115.00	MVS-2013-733	\$27,875.00	SSM Healthcare/SCI Engineering		Wentzville Healthplex
KC M - KC	Platte	2015	04/17/15 Nishnabotna/Platte	432.00	NWK-2014-00654	\$10,800.00	MD Management/Flick Seed		Green Hill Road and NW Old Tiffany Springs Road

Corp Dist.	Region	County	Year	Date Received into SSTF	EDU	Mit. Crdts	Permit #	Fee Collected	Corps Applicant	Notes
STL	O-STL	St. Louis	2015	06/04/15 Ozark/Meramec		424.00	MVS-2013-732	\$10,600.00	The Metropolitan St. Louis Sewer District	Laven-Del Lane Storm Water Improvements
STL	O-STL	St. Louis	2015	06/09/15 Ozark/Meramec		450.00	MVS-2014-732	\$11,250.00	Cadillac	Midwest Testing - ELCO Chevrolet & Used car lot
STL	O-STL	Jefferson	2015	06/12/15 Apple/Ioachim		565.00	MVS-2015-121	\$14,125.00	Mercy Hospital - Jefferson / Heideman Associates, Inc.	Mercy-Jefferson Hospital Expansion
LR	O-SW	Greene	2015	07/06/15 Ozark/White		807.00	2015-00069	\$20,175.00	Ollsson Associates / City of Springfield	Ravenwood Subdivision Stormwater Improvements
STL	O-STL	St. Louis	2015	08/03/15 Ozark/Moreau/Loutre		1,273.00	MVS-2014-448	\$31,825.00	City of Chesterfield / Intuition and Logic	Chesterfield Creek Riparian Trail - Channel Erosion Project
STL	O-STL	St. Louis	2015	08/26/15 Ozark/Meramec		693.00	MVS-2014-837	\$17,325.00	SCI Engineering - Pulte Group	River Des Peres Road Subdivision
KC	M-NW	Andrew	2015	08/27/15 Central Plains/ Nishnabotna/Platte		1,596.00	NWK-2015-00648	\$39,900.00	Snyder and Associates/Andrew County	Reconstruction of bridge #02700281
KC	M-KC	Platte	2015	10/30/15 Central Plains/ Nishnabotna/Platte		831.00	NWK-2015-01572	\$20,775.00	A.G. Spanos Corporation/Terra Technologies	North Klamm Road Improvements
STL	O-STL	St. Charles	2015	11/09/15 Ozark/Moreau/Loutre		1,177.00	MVS-2015-255	\$29,425.00	Equipment Co.	Westgate Business Park Lot 2
KC	M-KC	Platte	2015	11/17/15 Central Plains/ Nishnabotna/Platte		1,463.00	NWK-2014-00961	\$36,575.00	A.G. Spanos Corporation/Terra Technologies	The Preserve Apartment Complex Construction
STL	O-STL	St. Charles	2016	Total		12,593.00		\$314,825.00		
KC	M-NW	Daviss	2016	01/25/16 Plains/Cuivre/Salt		1,786.00	MVS-2015-457	\$44,650.00	SCI Engineering/McKelvey Homes Howe Company, LLC/Davies County Commission	Montrachet
KC	M-CE	Boone	2016	2/29/2016 Grand/Chariton		812.00	NWK-2015-01456	20,300.00	A Civil Group/St. Charles Road Development, LLC	Davies County Bridge No. 05300011
KC	M-CE	Boone	2016	3/28/2016 Moreau/Loutre		2,811.00	2008-01675	70,275.00	SCI Engineering, Inc./Wentzville Industrial, Inc.	Somerset Village Residential Subdivision
STL	O-STL	St. Charles	2016	5/5/2016 Cuivre/Salt		1,008.00	MVS-2013-649	25,200.00	Crossroads Commercial Center	Greene County Highway Department
LR	O-SW	Greene	2016	12/31/2016 Ozark/White		3,523.00	2000-16752-1	88,075.00	McEndie & Son Homes/SCI	West Republic Road Improvements
STL	O-STL	St. Charles	2016	12/31/2016 Cuivre/Salt		4,441.00	MVS-2015-903	111,025.00	Engineering, Inc.	Wyndstone Residential Development
			2016	Total		14,381.00		\$359,525.00		
KC	M-CE	Boone	2017	5/18/2017 Ozark/Moreau/Loutre	Central Plains/ Blackwater/Lamine	1,012.90	NWK 2009-01175	\$ 25,322.50	Engineering Surveys & Services/Conley Road Transportation District	Conley Road Transportation Development District
KC	M-KC	Jackson	2017	8/1/2017 Ozark/Moreau/Lamine		11,067.00	NWK-2009-02214	\$ 276,675.00	B&G Land Development, LLC	Multi-phased residential development
STL	O-STL	Jefferson	2017	11/28/2017 Ozark/Meramec		856.00	MVS-2016-930	\$ 21,400.00	Payne Family Homes/SCI	OTT Property

Corp Dist.	Region	County	Year	Date Received into SSTF	EDU	Mit. Crdts	Permit #	Fee Collected	Corps Applicant	Notes
STL O-STL	Iron	2017	12/14/2017	Upper St. Francis/Lastor River		3,907.56	MVS-2008-826 (P-2)	\$ 97,689.00	Specialty Granules LLC	Expansion of SG's active quarry
		Total				16,843.46		\$421,086.50		
STL O-STL	St. Louis	2018	1/25/2018	Apple/Joachim		1,139.00	MVS-2017-00359	\$ 28,475.00	Grasso Fields	
LR O-SW	Reynolds	2018	5/9/2018	Ozark/Black/Current		26,929.00	SWL-2013-00260	\$ 673,225.00	Doe Run Company	Brushy Creek Tailings Storage
STL O-STL	Crawford	2018	5/31/2018	Ozark/Meramec		6,642.00	MVS-2016-22221	\$ 166,050.00	SCI Engineering, Inc	Eilermann Lake
STL O-STL	St. Louis	2018	12/5/2018	Ozark/Meramec		1,229.00	MVS-2018-457	\$ 30,725.00	5th Street Properties	Brent Milner - ???
		Total				35,939.00		\$ 898,475.00		
STL O-STL	St. Louis	2019	3/12/2019	Ozark/Apple/Joachim		1,280.00	MVS-2009-259	\$ 32,000.00	Metropolitan St. Louis Sewer District	Chalet Court Sewer
KC M - KC	Clay	2019	3/25/2019	Nishihabotna/Platte		678.00	NWK-2016-01948	\$ 16,950.00	City of Kansas City MO	East Fork Line Creek
KC M - KC	Clay	2019	3/25/2019	Blackwater/Lamine		3,157.60	NWK-2016-01948	\$ 78,940.00	City of Kansas City MO	East Fork Line Creek
KC M - KC	Clay	2019	4/3/2019	Blackwater/Lamine		1,469.00	NWK-2018-00618	\$ 36,725.00	City of Liberty MO	
KC O-SW	Webster	2019	5/15/2019	Ozark/Osage		1,500.00	NWK-2018-01739	\$ 37,500.00	MO Department of Transportation	Camelot Estates
KC M - KC	Clay	2019	6/19/2019	Blackwater/Lamine		390.00	NWK-2018-00256	\$ 9,750.00	Meridian Properties, LLC	Holmes Creek and Fishing River
		Total	7/30/2019	Ozark/Meramec		1,244.00	MVS-2019-221	\$31,100.00	MO Department of Transportation	MO-30 Bridge over Saline
						9,718.60		\$ 242,965.00		

STL O-STL	Franklin, Jefferson, St. Louis	2020	9/29/2020	Ozark/Meramec		1,067.00	MVS-2019-374	\$ 26,675.00	Phillips 66 Pipeline, LLC	Blue Line 02 Pipeline Replacement
		Total				1,067.00		\$ 26,675.00		
		GRAND TOTAL				133,029.16		\$3,325,729.00		

**Appendix D—Status of Approved New Program Mitigation Projects as of
December 31, 2020**

APPENDIX D--Status of Approved New Program Mitigation Projects as of 12/31/2020

Proj. #	COE Region	Year	Contractor	Project Description	COE/IRT Approved Date	Credits	EDU	Stream	Allocated Funds	Expended Funds	Released Credits or date	Status
#1001	STL	O-SE	2013	Bollinger	Richard Slinkard Bank Stabilization. Bank stabilization with weirs, restoration and enhancement of ~one mile of stream footage, also reduce cattle access to localized points. Project to be used as a demonstration site to increase public appreciation/awareness. Perpetual Easement. MCHF Board Approved: 08/08/2013. COE & IRT Approved: 07/30/2014	7/30/2014	9,100.0	Upper St. Francis/Castor River	\$54,702.00	60,101.25	3,610.00	PENDING
				2013 Total Subsequent to New Instrument		9,100.0			\$54,702.00	\$60,101.25		
#1002	KC	M-C-E	2014	Miller	Alan Miller Bank Stabilization. Improve channel stability near erosion site and protect integrity of channel morphology, reduce sediment loads from entering watershed and restore ~500 feet of riparian corridor. Project will increase public appreciation for stream resources. Perpetual Easement. MCHF Board Approved: 02/20/2014. COE & IRT Approved: 07/06/2016	7/6/2016	7,962.0	Ozark/Osage Creek	\$65,674.50	\$95,055.18	3,184.80	PENDING
#1003	LR	O-SW	2014	Stone	Roadhouse Road Bridge Replacement. Improve aquatic organism passage in the upper portions of Crane Creek. SSTF support of this project will enable a passage-friendly structure instead of a barrier structure planned for installation by the county. Partner funds: \$25,000 (Stone County) Special Management Agreement. MCHF Board Approved: 08/09/2014. COE & IRT Approved: 04/15/2016	4/15/2016	3,861.0	Ozark/White Crane Creek	\$111,500.00	\$111,500.00	1,544.40	COMPLETE

Proj #	COE Dist.	Region	Year	County	Project Description	COE/IRT Approval Date	Credits	EDU Funds	Stream	Allocated Funds	Expanded Funds	Released Credits to date	Status
#1007	KC	O-SW	2016	Hickory	Wolfe Tract Acquisition. Hickory County. Acquisition of riparian acreage of 1 Wolfe Tract, addition to Mule Shoe Conservation Area. MDC purchase of the remaining portion of the tract. Partner funds: \$73,350 (MDC) Acquisition. MCHF Board Approved: 05/19/2015. COE & IRT Approved: 05/09/2016	5/9/2016	4,508.0	Ozark/Osage	Little Niangua River	\$34,650.00	\$33,045.71	4,508.00	COMPLETE
#1008	KC	O-SW	2016	Dallas	Engle Road Low Water Crossing Replacement Project. Greasy Creek. Dallas County. Replacement of low water crossing with a clear span bridge in Niangua darter habitat. Partner funds: \$100,000 (USFWS) and \$25,000 (Dallas County Commission) Special Management Agreement. MCHF Board Approved: 08/18/2015. COE & IRT Approved: 02/18/2016	2/18/2016	15,198.4	Ozark/Osage	Greasy Creek	\$100,000.00	\$120,191.75	15,198.40	COMPLETE
#1009	STL	O-SE	2015	Bollinger	Mike Kasten Bank Stabilization. Bollinger County. Stabilize eroding streambank with rock walls, plant trees in the riparian corridor and protect with a perpetual easement. Partner Funds: N/A. Perpetual Easement. MCHF Board Approved: 12/01/2015. COE & IRT Approved: 08/31/2016	8/31/2016	8,580.0	Upper St. Francis/Castor River	Little Whitewater Creek	\$66,241.85	\$100,587.74	1,716.00	
2015													
#1010	LR	O-SW	2016	Christian	Kipfor Bank Stabilization and Riparian Project Christian County. Rock stabilization to heal 300' of eroding bank. Tree planting to re-establish riparian corridor. Three reinforced light equipment crossings. Partner Funds: N/A. Perpetual Easement. MCHF Board Approved: 8/16/16. COE & IRT Approved: 09/29/2017	9/29/2017	14,847.5	Ozark/White	Bull Creek	\$95,700.00	\$164,258.80	\$3,081.14	
2016													
#1011	KC	O-SW	2017	Dallas	Diemitch Tract Acquisition: New Conservation Area. Dallas County. Acquisition of 10,032 linear feet of Niangua River stream frontage. Partner funds: \$641,535.35 (MDC) Acquisition. MCHF Board Approved: 05/16/17. COE & IRT Approved: 10/18/2017	10/18/2017	27,050.6	Ozark/Osage	Niangua River	\$258,484.65	\$258,484.65	16,590.30	COMPLETE

No.	COE Dist. #	Region	Year	County	Project Description	COE/IRT Approval Date	Credits	EDU	Stream	Allocated Funds	Expended Funds	Released Credits to date	Status
2017	KC	W-CCE	2018	Miller	Bridge replacement project - replace slab crossing with a span structure to provide aquatic organism passage MCHF Board Approved 5-22-18, COE and IRT Approved	3/14/2018	27,650.6	15,228.0 Ozark/Osage	Tawon Creek	\$ 255,000.00	\$415,425.00	\$258,464.65	COMPLETE
1012 LR	O-SW	2018	Christian		John Waters Property on Bull Creek. Project will stabilize 300 ft of streambank, establish a riparian corridor, and place over 20 acres in perpetual easement. MCHF Board Approved 8/28/18, COE and IRT Approved	2/13/2020	10,731.2	Ozark/White	Bull Creek	\$ 119,726.00	\$83,765.20	"	
1013 STL	O-SE	2018	Bollinger		Charles Collier Bank Stabilization. Streambank stabilization with tree planting and 15.4 acres of perpetual easement. MCHF Board Approved 12/4/18, COE and IRT Approved	8/13/2019	7,737.0	Upper St Francis/ Castor	Crooked Creek	\$ 134,985.00	\$56,577.50	-	
2018	KC	W-CCE	2019	Miller	Bridge replacement on Old St. Thomas Road in Miller County. Niangua Danta habitat. Joint effort between USFWS, Miller County, SSSTF. Estimated cost is \$160,000 (SSSTF) with 19,805 credits generated!. MCHF Board Approved 2/21/19, COE and IRT Approved	1/13/2020	23,694.2	19,805.0 Ozark/Osage	Tavern Ck	\$404,711.00	\$555,757.79	\$2,100.00	
1015 LR	O-SW	2019	Christian		Bank stabilization on Koeller property on Bull Creek. 11 acre perpetual easement. Reinforced stream crossing and riparian corridor enhancement. MCHF Board Approved 3/27/19								
1016 KC	M-CCE	2019	Miller		Bridge replacement on Brushy Creek Road in Niangua Danta habitat with an estimated 26,845.6 credits generated. MCHF Board Approved 12/5/19								
2019					GRAND TOTAL								
					2020 Expenditures								

¹ Estimated credits (i.e., credit totals that have not been confirmed by COE/IRT) appear in italics

Appendix E—SSTF Investment Instruments

**Missouri Conservation Heritage Foundation
Stream Stewardship Trust Fund Investment
December 31, 2020**

Cash Accounts

Simmons Bank New Instrument Checking	\$ 147,650.67
Simmons Bank New Instrument Money Market	563,546.09
Simmons Bank New Instrument Certificates of Deposit	600,000.00
Simmons Bank New Instrument Assurances Money Market	261,897.26
Total Cash Accounts	\$1,573,094.02

APPENDIX E—How the Stream Stewardship Trust Fund Works

HOW THE OLD PROGRAM WORKS

A Memorandum of Understanding between the Foundation and U.S. Army Corps of Engineers in 1999 authorized and established operating conditions for the Trust Fund. With the Corps' authorization, the MCHF—as the SSTF sponsor—can assume an applicant's Clean Water Act Section 404 stream mitigation responsibilities. Costs associated with participating in the Trust Fund are based on specific permit requirements and market forces (i.e., Means Building Construction Data).

GOAL	Provide an accountable stream mitigation option that offers benefits to aquatic resources, regulators, and Section 404 applicants.
OBJECTIVE	Implement an in-lieu-fee mitigation alternative that works to ensure stream impacts are given increased attention during the Clean Water Act's Section 404 regulatory process.
FOCUS	To address authorized impacts to headwater stream systems (i.e., 1 st through 3 rd order).
PROGRAM FACTS	The Trust Fund has: (1) remained voluntary, never mandatory, (2) not changed the Clean Water Act's permit process, (3) been used to address small acreage impacts, and (4) served to increase the regulated public's knowledge of headwater streams.
TRUST FUND DOLLARS	Resources are earmarked for restoration, enhancement, and/or protection of stream systems and associated riparian habitats.
	Trust Fund Dollars are handled in accordance with: (1) MOU and (2) grant program guidelines. <ul style="list-style-type: none"> • Request through process ensuring only priority stream projects are funded. • Support grant projects located within MDC management region where stream impacts occurred. • Utilize project sites that are covered by a 30-year agreement, permanent easement, or purchased by the Foundation. • Require allocation to a specific project within three years following the calendar year collected.
Annual Reporting	The Foundation must provide the Corps with an annual report which states the Trust Fund's: (1) balance, (2) investment instruments, and (3) list of supported stream projects and associated costs. Each report will cover one calendar year cycle (i.e., January through December).

How the Stream Stewardship Trust Fund Works: Jurisdictional Acres

The Stream Stewardship Trust Fund (SSTF), a creative in-lieu-fee mitigation tool, was established late in 1999 resulting from an agreement between the Missouri Conservation Heritage Foundation (MCHF) and the U.S. Army Corps of Engineers (COE), Kansas City and St. Louis Districts. In the past, permit applicants and agency

regulators (COE) complying with Section 404 of the Clean Water Act had limited viable alternatives for lessening or mitigating adverse impacts to stream systems. Today, funds collected from adverse impacts authorized to be mitigated through this in-lieu-fee option are earmarked for stream restoration, enhancement, and/or preservation projects – ensuring appropriate compensation.

The purpose of the SSTF is to serve as an innovative stream mitigation tool and focus on stream impacts not currently being addressed in the regulatory process. In addition, the SSTF shall provide a funding source to restore, enhance, and protect Missouri's stream resources consistent with the Foundation's mission to promote awareness and public support of Conservation Department programs and services.

The SSTF Grant Program is administered by the MCIIⁱ with MDC providing technical review. Use of SSTF projects is limited to projects that restore, enhance, and/or protect Missouri's stream resources and associated riparian habitats. SSTF resources are used to support projects on non-MDC lands, sponsored by MDC. Similar to other grant programs, SSTF resources are not MDC funds and the use of the funds is limited to specific uses and reporting requirements. Proposed projects are funded by MCHF based on regional stream needs, maximum return on expended monies, level of threat to the stream system, and overall anticipated benefits to stream resources.

The MCHF depends on MDC to provide liaison positions for coordination of Department staff and activities for implementation of the SSTF grant program.

An Individual Example of Participation and Fee Collection Under Jurisdictional Acres Method

When MCIIⁱ staff is contacted about a cost estimate, the following information is requested by mail or fax:

1. Verification in writing from either the U.S. Army Corps of Engineers or the Missouri Department of Natural Resources (DNR) that the SSTF has been offered as a mitigation option. MCIIⁱ will prepare a cost estimate with no obligation, but cannot accept payment until the requested verification is received.
2. The number of linear feet impacted.
3. The average width of the stream being impacted.
4. The average depth (at the high water mark) of the stream being impacted.
5. The number of feet of buffer required on each side of the impacted stream (typically 50' on each side). A buffer will require plantings of seedlings.

Cost estimates are mailed or faxed to individuals and copies are retained of all estimate inquiries and responses. Individuals who receive an estimate and choose to participate in the program will send the payment directly to MCHF. Upon receipt of payment, staff will prepare an acknowledgement letter to the appropriate COE (or DNR) official stating that mitigation requirements have been met in accordance with the memorandum of understanding. Copies of the acknowledgement letter are provided to the participants.

How the Stream Stewardship Trust Fund Works: Missouri Mitigation Method (Credits)

On March 1, 2007 the U.S. Army Corps of Engineers posted a public notice of pending changes to the mitigation method that would go into place on April 1, 2007. These changes would move the mitigation process away from jurisdictional acres to the assigning of credits based on the impact to the stream resource. In return, mitigation projects completed were also assigned a credit value. So, for every credit MCIIⁱ assumed the liability for they are required to mitigate a credit. To meet this obligation, MCHF had to determine their cost per credit to assign a fair value to each mitigation credit. They began reviewing existing projects, assigning a credit value using worksheets provided by the U.S. Army Corps of Engineers. Once credits were assigned the total costs of the projects were divided by the number of credits. These dollar amounts were then averaged and it was determined that the MCHF could mitigate a credit for approximately \$35.00 per credit.

Beginning April 1, 2007 the MCHF began accepting fees under the Missouri Mitigation Method at a cost of \$35.00 per mitigation credit. In 2009 the cost per credit was reevaluated and the Foundation reduced their cost per credit to \$25.00.

In April, 2013, the Missouri Mitigation credit calculation method was updated and revised by the Corps of Engineers, with input from several other federal and state agencies. This revision has been used on mitigation projects since its adoption.

An Individual Example of Participation and Fee Collection Under Missouri Mitigation Method

When MCHF staff is contacted about a cost estimate, the following information is requested by mail or fax:

1. Verification in writing from either the U.S. Army Corps of Engineers or the Missouri Department of Natural Resources (DNR) that the SSTF has been offered as a mitigation option.
2. A copy of the permit issued documenting the number of credits to be mitigated for.

The cost of \$25.00 per credit is provided to the individual along with the total cost based on the permit. This is then mailed or faxed to individuals and copies are retained of all inquiries and responses. Individuals who choose to participate in the program will send the payment directly to MCHF. Upon receipt of payment, staff will prepare an acknowledgement letter to the appropriate COE (or DNR) official stating that mitigation requirements have been met in accordance with the memorandum of understanding. Copies of the acknowledgement letter are provided to the participants.

Under Both Jurisdictional Acres and Credits

After the fee is collected, careful documentation is created which identifies MDC Region/County, jurisdictional impacted acres, and Corps District. Fees are pooled and projects are considered based on priority and timeline allocation considerations.

HOW THE NEW PROGRAM WORKS

A 2000 Memorandum of Understanding between the Foundation and U.S. Army Corps of Engineers authorized and established operating conditions for the Trust Fund, and on June 6, 2013, an Instrument was approved that governed the operation of the Stream Stewardship Trust Fund under the 2008 compensatory mitigation rules.

With the Corps' authorization, the Foundation—as the Trust Fund sponsor—can assume an applicant's Clean Water Act Section 404 stream mitigation responsibilities. Costs associated with participating in the Trust Fund are based on specific permit requirements and market forces.

GOAL

Provide an accountable stream mitigation option that offers benefits to aquatic resources, regulators, and Section 404 applicants.

OBJECTIVES

To provide an alternative to permittee-responsible compensatory mitigation that replaces functions and values lost through permitted impacts; enhance the stream resources of Missouri by addressing ecological needs on a watershed basis, provide additional funding for stream improvement projects in Missouri's watersheds, direct

mitigation resources to ecologically impaired watersheds, and assist in implementing the improvement objectives of MDC's stream programs; minimize the temporal loss of stream functions and services by gaining approval of mitigation sites in advance of or concurrent to mitigation needs; provide projects to meet current and expected demand for credits in areas without mitigation banks; achieve ecological success on a watershed basis by improvements that are appropriate to the stream or watershed and by integrating ILF projects with other conservation activities; provide a funding complement to statewide stream management efforts of MDC; utilize scale efficiencies by combining the impacts from individual smaller projects into larger mitigation projects with greater ecological value; procedurally unhook the mitigation of development projects from those with little training and experience in replacing natural values; and promote a complement to stream reach-based mitigation banking that is of larger scope.

FOCUS

To address authorized impacts to streams, especially headwater systems (i.e., 1st through 3rd order), in select EDUs.

PROGRAM FACTS

The Trust Fund has: (1) remained voluntary, never mandatory, (2) not changed the Clean Water Act's permit process, (3) been used to address impacts to small acreages and stream reaches, and (4) served to increase the regulated public's knowledge of headwater streams.

TRUST FUND DOLLARS

Resources are earmarked for restoration, enhancement, and/or protection of stream systems and associated riparian habitats.

Trust Fund Dollars are handled in accordance with: (1) the Instrument, and (2) grant program guidelines:

- Request through process ensuring only priority stream projects are funded.
- Support projects located within the EDUs where stream impacts occurred.
- Utilize project sites that are covered by permanent easements or other long term protection instruments arranged by the Foundation.

- Require allocation to a specific project within three years following the calendar year collected.

Annual Reporting

The Foundation must provide the Corps with an annual report which states the Trust Fund's: (1) balance, (2) investment instruments, (3) list of supported stream projects and associated costs; and 4) a summary of released credit balances in each approved EDU. Each report will cover one calendar year cycle (i.e., January through December).

How the

New Stream Stewardship Trust Fund Works: Credits The MCHF established itself as a qualified in-lieu-fee mitigation sponsor for COE authorizations in Missouri in 2000, and upon formal approval of the final instrument by the COE on June 6, 2013, the SSTF was reestablished under the new rules.

The proposed geographic service area for the SSTF is defined as the Ecological Drainage Unit (EDU), and MCHF provides compensatory mitigation in eleven EDUs (Apple/Joachim, Blackwater/Lamine, Cuivre/Salt, Grand/Chariton, Nishnabotna/Platte, Black/Current, Meramec, Moreau/Loutre, Osage, Upper St. Francis/Castor and White basins). Additional EDUs may be added in the future as proposed amendments to the instrument for COE and IRT approval. MCHF provides compensatory mitigation for permitted impacts within the same geographic service area in which impacts occur unless the district engineer, in consultation with the IRT, has agreed to an exemption.

Through the SSTF, MCHF has agreed to take on the mitigation responsibilities of approved development projects and replace those with approved on-the-ground mitigation projects. The COE's Missouri Stream Mitigation Method (MSMM) is used to determine the number of stream credits used for impacts and for projects. Developers complete the MSMM and, upon COE approval, communicate a project description and number of credits to the MCHF for a written estimate. The MSMM is also used to determine the number of credits involved in an on-the-ground restoration, enhancement or preservation project. Stream impact credits are offset with stream project credits; the Stream Stewardship Trust Fund handles only stream impact credits and is not involved in mitigating small wetland impacts.

For each proposed mitigation project, MCHF submits a project application/mitigation plan to the appropriate COE district and the IRT describing the project, its location and other project-specific information. Each mitigation project is reviewed and approved by the MCHF, MDC, the IRT and the COE. MCHF manages the project for consistency with the approved project criteria following IRT review and COE approval. MCHF and MDC work together on the implementation, performance, and long term management of compensatory mitigation projects.

MCHF covers its own mitigation needs under the new program by selling advance and released credits as specified in the Instrument. As milestones in each project's schedule are reached (i.e., restoration, creation, enhancement, and/or preservation is implemented and interim and final performance measures are met), credits released from new projects begin to accrue in each EDU. MCHF strives to allocate money to complete land acquisition and initial physical and biological improvements on an approved mitigation project site by the third full growing season after a debit occurs in that service area. Credits for projects installed under this Instrument

normally are not released until MC11F has obtained IRT approval of the mitigation plan for a site, has achieved the applicable milestones in the credit release schedule as specified in the project mitigation plan, and the credit releases have been approved by the District Engineer.⁸²

When mitigation projects have been installed, they are monitored for project success and attainment of performance standards, and any normal and long-term maintenance needs are completed. Any non-attainment issues beyond the scope of routine maintenance are addressed through remedial action plans in conjunction with the COE and the IRT.