United States Department of Agriculture
Natural Resources Conservation Service

OMB No. 0578-0030
NRCS-PDM-20

DAMAGE SURVEY REPORT (DSR)
Emergency Watershed Protection Program – Recovery

Section 1A

Date of Report: 02/20/2006

DSR Number: 103-05-135K Project Number: Little Creek #2

NRCS Entry Only
Eligible: YES ☒ NO ☐
Approved: YES ☒ NO ☐
Funding Priority Number (from Section 4) ie
Limited Resource Area: YES ☐ NO ☒

Section 1B Sponsor Information

Sponsor Name: St. Tammany Parish

Address: 21490 Koop Drive

City/State/Zip: Mandeville, LA 70471 - 0628

Telephone Number: (985) 898-2522 Fax: (985) 898-5205

Section 1C Site Location Information

County: St. Tammany State: Louisiana Congressional District: 01

Latitude: see comments Longitude: see comments Section: 22, 23, 24, 25 Township: 7S Range: 11E

UTM Coordinates: 15

Drainage Name: Little Creek Reach: Approx. 10216 ft.

Damage Description: Large trees and other debris blocking channel flow

Section 1D Site Evaluation

All answers in this Section must be YES in order to be eligible for EWP assistance.

Site Eligibility	YES	NO	Remarks
Damage was a result of a natural disaster?*	✓		
Recovery measures would be for runoff retardation or soil erosion prevention?*	✓		
Threat to life and/or property?*	✓		
Event caused a sudden impairment in the watershed?*	✓		
Imminent threat was created by this event?**	✓		
For structural repairs, not repaired twice within ten years?**	✓		
Site Defensibility			
Economic, environmental, and social documentation adequate to warrant action (Go to pages 3, 4, 5 and 6 ***)	✓		
Proposed action technically viable? (Go to Page 9 ***)	✓		

Have all the appropriate steps been taken to ensure that all segments of the affected population have been informed of the EWP program and its possible effects? YES ☑ NO ☐

Comments: Start = Lat.: 30.4156; Long.: 90.0454
End = Lat.: 30.4249; Long.: 90.0732

* Statutory
** Regulation
*** DSR Pages 3 through 5 are required to support the decisions recorded on this summary page. If additional space is needed on this or any other page in this form, add appropriate pages.

DSR NO: 103-05-135K

Section 1E Proposed Action

Describe the preferred alternative from Findings: Section 5 A:

Remove debris from channel and both sides (using conventional methods) reaching 15 feet from top of bank on each side. Work will be performed from one side only.

Total installation cost identified in this DSR: Section 3: $ 123,176.00

Section 1F NRCS State Office Review and Approval

Reviewed By: _____ Date Reviewed: 3/9/06
State EWP Program Manager

Approved By: Donald W. Gohmert Date Approved: 3/9/06
State Conservationist

PRIVACY ACT AND PUBLIC BURDEN STATEMENT

NOTE: The following statement is made in accordance with the Privacy Act of 1974, (5 U.S.C. 552a) and the Paperwork Reduction Act of 1995, as amended. The authority for requesting the following information is 7 CFR 624 (EWP) and Section 216 of the Flood Control Act of 1950, Public Law 81-516, 33 U.S.C. 701b-1; and Section 403 of the Agricultural Credit Act of 1978, Public Law 95334, as amended by Section 382, of the Federal Agriculture Improvement and Reform Act of 1996, Public Law 104-127, 16 U.S.C. 2203. EWP, through local sponsors, provides emergency measures for runoff retardation and erosion control to areas where a sudden impairment of a watershed threatens life or property. The Secretary of Agriculture has delegated the administration of EWP to the Chief or NRCS on state, tribal and private lands.

Signing this form indicates the sponsor concurs and agrees to provide the regional cost-share to implement the EWP recovery measure(s) determined eligible by NRCS under the terms and conditions of the program authority. Failure to provide a signature will result in the applicant being unable to apply for or receive a grant the applicable program authorities. Once signed by the sponsor, this information may not be provided to other agencies. IRS, Department of Justice, or other State or Federal Law Enforcement agencies, and in response to a court or administrative tribunal.

The provisions of criminal and civil fraud statutes, including 18 U.S.C. 286, 287, 371, 641, 651, 1001; 15 U.S.C. 714m; and 31 U.S.C. 3729 may also be applicable to the information provided. According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0578-0030. The time required to complete this information collection is estimated to average 117/1.96 minutes/hours per response, including the time for reviewing instructions, searching existing data sources, field reviews, gathering, designing, and maintaining the data needed, and completing and reviewing the collection information.

USDA NONDISCRIMINATION STATEMENT

"The U.S. Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, age, disability, and where applicable, sex, martial status, familial status, parental status, religion, sexual orientation, genetic information, political beliefs, reprisal, or because all or part of an individual's income is derived from any public assistance program. (Not all prohibited bases apply to all programms.) Persons with disabilities who require alternative means for communication of program information (Braille, large print, audiotape, etc.) should contact USDA's TARGET Center at (202)720-2600 (vocie and TDD). To file a complaint of discrimination, write to USDA, Director, Office of Civil Rights, 1400 Independence Avenue, SW., Washington, DC 20250-9410, or call (800)795-3272 (voice) or (202) 720-6382 (TDD). USDA is an equal opportunity provider and employer.

Civil Rights Statement of Assurance

The program or activities conducted under this agreement will be in compliance with the nondiscrimination provisions contained in the Titles VI and VII of the Civil Rights Act of 1964, as amended; the Civil Rights Restoration Act of 1987 (Public Law 100-259); and other nondiscrimination statutes: namely, Section 504 of the Rehabilitation Act of 1973, Title IX of the Amendments of 1972, the Age Discrimination Act of 1975, and the Americans with Disabilities Act of 1990. They will also be in accordance with regulations of the Secretary of Agriculture (7 CFR 15, 15a, and 15b), which provide that no person in the United States shall on the grounds of race, color, national origin, gender, religion, age or disability, be excluded from participation in, be denied the benefits of, or otherwise subjected to discrimination under any program or activity receiving Federal financial assistance from the U.S. Department of Agriculture or any agency thereof.

DSR NO: 103-05-135K

Section 2 Environmental Evaluation

2A Resource Concerns	2B Existing Condition	2C Alternative Designation		
		Proposed Action	No Action	Alternative
		Remove and dispose debris and large trees from the channel using only one side of the channel for access	Leave all debris and large debris in the channel	Remove and dispose debris and large trees from the channel using both sides of the channel for access
		2D Effects of Alternatives		
Soil				
Bank Erosion	disturbed soils from bank, tree falls, and uprooting 20-T/ac	removal of debris will allow reveg. and reduce loss 5-T/ac	potential for further damage from debris 20-T/ac	reveg./reduce soil loss 10-T/ac
Soil Quality	soil quality reduced	soil quality improved	soil quality reduced	soil quality improved
Water				
Downstream water rights				
DO	low DO from decreased water flow	remove debris/increase flow/ DO	blockage/low DO	remove debris/increase flow/DO
BOD	high BOD/debris decomposition	improved BOD by removing detritus	high BOD/decompostion	improved BOD/less detritus
Overall Stream Health	SVAP = 5.8 = poor	SVAP = 6.3 = fair	SVAP = 5.8 = poor	SVAP = 6.3 = fair
Air				
particulate matter/dust	no effect	slight temporary increase	no effect	slight temporary increase
PM - 10	attainment	attainment	attainment	attainment
Plant				
riparian plants	excess debris potential damage	debris removal will increase growth potential	continued growth limitation	debris removal will increase growth potential
Animal				
Aquatic habitat	impaired food web quality	quality increased/reduce BOD	quality reduced/high BOD	quality increased/reduce BOD
Upland habitat	damaged due to debris	increase/low damage	slight increase with time	slight increase w/increased damage resulting from access
Other				
Aesthetics	Poor due to clutter	improved by debris removal	Poor due to clutter	improved by debris removal

DSR NO: 103-05-135K

Section 2E Special Environmental Concerns

Resource Consideration	Existing Condition	Alternatives and Effects		
		Proposed Action	No Action	Alternative
Clean Water Act Waters of the U.S.	CWA Jurisdiction Debris affecting water flow and quality	improve water quality; CWA permit required	decrease water quality; increase blockage/clutter Debris affecting water quality	improve water quality; short term increase in damage; CWA permit required
Coastal Zone Management Areas	south of I-12 located in coastal zone; Consistency Authorization Permit	south of I-12 located in coastal zone; Consistency Authorization Permit	N/A	south of I-12 located in coastal zone; Consistency Authorization Permit
Coral Reefs	N/A	N/A	N/A	N/A
Cultural Resources	None observed on-site State Level Review	None observed on-site State Level Review	None observed on-site	None observed on-site State Level Review
Endangered and Threatened Species	None observed on-site	none on-site (FOTG) no suitable habitat on site (field investigation); no effect	none on-site (FOTG) no suitable habitat on site (field investigation); no effect	none on-site (FOTG) no suitable habitat on site (field investigation); no effect
Environmental Justice	N/A	N/A	N/A	N/A
Essential Fish Habitat	N/A	N/A	N/A	N/A
Fish and Wildlife Coordination	State level review by project type with USFWS & LDWF; Consultation not required for debris removal	Consultation not required for debris removal	N/A	Consultation not required for debris removal
Floodplain Management	100-year floodplain function is impaired	improved function to drainage channel by restoring pre-storm hydraulic capacity	100-year floodplain function is impaired	improved function to drainage channel by restoring pre-storm hydraulic capacity
Invasive Species	None Identified	None Identified	None Identified	None Identified
Migratory Birds	food and habitat reduced due to debris cover	food and cover quality improved	food and cover quality reduced due to debris cover	food and cover quality improved
Natural Areas	(FOTG) none identified	(FOTG) none identified	(FOTG) none identified	(FOTG) none identified
Prime and Unique Farmlands	(FOTG) (Soil Survey) none present	(FOTG) (Soil Survey) none present	(FOTG) (Soil Survey) none present	(FOTG) (Soil Survey) none present
Riparian Areas	riparian area impacted by debris accumulation and altered hydrology	riparian area improved by debris removal; some temporary impacts resulting from access	riparian area impacted by increased debris and altered hydrology	riparian area improved by debris removal; increased temporary impacts resulting from access
Scenic Beauty	N/A	N/A	N/A	N/A
Wetlands	N/A	N/A	N/A	N/A
Wild and Scenic Rivers	N/A	N/A	N/A	N/A

Completed By: Larry Casseday Date: 02/20/2006

DSR NO: 103-05-135K

Section 2F Economic

This section must be completed by each alternative considered (attach additional sheets as necessary).

	Future Damages ($)	Damage Factor (%)	Near Term Damage Reduction
Properties Protected (Private)			
24 homes @ $250,000 each	6,000,000.00	25	~~150,000.00~~ 1,500,000
10 homes @ $100,000 each	1,000,000.00	25	~~25,000.00~~ 250,000
Properties Protected (Public)			
Business Losses			
Other			
Total Near Term Damage Reduction $			~~175,000.00~~ 1,750,000
Net Benefit (Total Near Term Damage Reduction minus Cost from Section 3)			51,824.00 1,698,176

Completed By: David Sweeney Date: 02/20/2006

Section 2G Social Consideration This section must be completed by each alternative considered

(attach additional sheets as necessary).

	YES	NO	Remarks
Has there been a loss of life as a result of the watershed impairment?	☐	☑	
Is there the potential for loss of life due to damages from the watershed impairment?	☑	☐	
Has access to a hospital or medical facility been impaired by watershed impairment?	☑	☐	Many downed trees blocking Access.
Has the community as a whole been adversely impacted by the watershed impairment (life and property ceases to operate in a normal capacity)	☑	☐	Impairment increased flooding impacts throughout the Community
Is there a lack or has there been a reduction of public safety due to watershed impairment?	☑	☐	

Completed By: David Sweeney Date: 02/20/2006

DSR NO: _____
103-05-135K

Section 2H Group Representation and Disability Information

This section is completed only for the preferred alternative selected.

Group Representation	Number
American Indian/Alaska Native Female Hispanic	
American Indian/Alaska Native Female Non-Hispanic	
American Indian/Alaska Native Male Hispanic	
American Indian/Alaska Native Male Non-Hispanic	
Asian Female Hispanic	
Asian Female Non-Hispanic	
Asian Male Hispanic	
Asian Male Non-Hispanic	
Black or African American Female Hispanic	
Black or African American Female Non-Hispanic	3
Black or African American Male Hispanic	
Black or African American Male Non-Hispanic	3
Hawaiian Native/Pacific Islander Female Hispanic	
Hawaiian Native/Pacific Islander Female Non-Hispanic	
Hawaiian Native/Pacific Islander Male Hispanic	
Hawaiian Native/Pacific Islander Male Non-Hispanic	
White Female Hispanic	
White Female Non-Hispanic	57
White Male Hispanic	
White Male Non-Hispanic	56
Total Group	119

Census tract(s) T041206

Completed By: David Sweeney Date: 02/20/2006

DSR NO: 103-05-135K

Section 2I. Required consultation or coordination between the lead agency and/or the RFO and another governmental unit including tribes:

Easements, permissions, or permits:

Access permission will be required.
Obtain a CWA Permit prior to construction in channel.
Obtain a Water Quality Certification.
Consistency Authorization Permit

Mitigation Description:

Avoid impacts to the one side of each channel to prevent damage to riparian zone adjacent to channel.

Debris will be disposed of off-site at an approved site to minimize impacts to adjacent riparian areas.

Action will be completed without interruption to reduce potential impacts on nearby wildlife.

Agencies, persons, and references consulted, or to be consulted:

U. S. Army Corps of Engineers
DEQ
St. Tammany Parrish Government
LDNR-CMD

DSR NO: 103-05-135K

Section 3 Engineering Cost Estimate

Completed By: Patti Mitchell Date: 02/20/2006

This section must be completed by each alternative considered (attach additional sheets as necessary).

Proposed Recovery Measure (including mitigation)	Quantity	Units	Unit Cost ($)	Amount ($)
Mobilization and Demobilization	1	LS	10,000.00	10,000.00
Channel Obstruction Removal	10216	FT	11.00	112,376.00
Seeding	4	AC	200.00	800.00
				0.00
				0.00
				0.00
				0.00
				0.00
				0.00
				0.00
Engineer's Recommendation				0.00
Remove debris from channel and both sides (using conventional methods) reaching 15 feet from top of bank on each side. Work will be performed from one side only.				0.00
				0.00
				0.00
				0.00
				0.00
				0.00
				0.00
				0.00
Total Installation Cost (Enter in Section IF)$				123,176.00

Unit Abbreviations:

AC	Acre	LS	Lump Sum
CY	Cubic Yard	SF	Square Feet
EA	Each	SY	Square Yard
HR	Hour	TN	Ton
LF	Linear Feet	Other (Specifiy)	

DSR NO: 103-05-135K

Section 4 NRCS EWP Funding Priority

Complete the following section to compute the funding priority for the recovery measures in this application (see instructions on page 10).

Priority Ranking Criteria	Yes	No		Ranking Number Plus Modifer
1. Is this an exigency situation?	☑	☐		1E
2. Is this a site where there is serious, but not immediate threat to human life?	☐	☑		
3. Is this a site where buildings, utilities, or other important infrastructure components are threatened?	☐	☑		
4. Is this site a funding priority established by the NRCS Chief?	☐	☑		
The following are modifiers for the above criteria			**Modifier**	
a. Will the proposed action or alternatives protect or conserve federally-listed threatened and endangered species or critical habitat?				
b. Will the proposed action or alternatives protect or conserve cultural sites listed on the National Register of Historic Places?				
c. Will the proposed action or alternatives protect or conserve prime or important farmland?				
d. Will the proposed action or alternatives protect or conserve existing wetlands?				
a. Will the proposed action or alternatives maintain or improve current water quality conditions?			e	
f. Will the proposed action or alternatives protect or conserve unique habitat, including but not limited to, areas inhabited by State-listed species, fish and wildlife management area, or State identified sensitive habitats?				

Enter priority computation in Section 1A, NRCS Entry, Funding priority number.

Remarks:

DSR NO: 103-05-135K

Section 5A Findings

Finding: Indicate the preferred alternative from Section 2 (Enter to Section 1E):

Remove debris from channel and both sides (using conventional methods) reaching 15 feet from top of bank on each side. Work will be performed from one side only.

I have considered the effects of the action and the alternatives on the Environmental Economic, Social; the Special Environmental Concerns; and the extraordinary circumstances (40 CFR 1508.27). I find for the reasons stated below, that the preferred alternative:

✓ Has been sufficiently analyzed in the EWP PEIS (reference all that apply)
Chapter 5.2.2.1.2
Chapter 5.2.2.2.2
Chapter _____
Chapter _____
Chapter _____

____ May require the preparation of an environmental assessment or environmental impact statement. The action will be referred to the NRCS State Office on this date:

NRCS representative of the DSR team A. Berland

Title: Dist. Cons. Date: 2/24/06

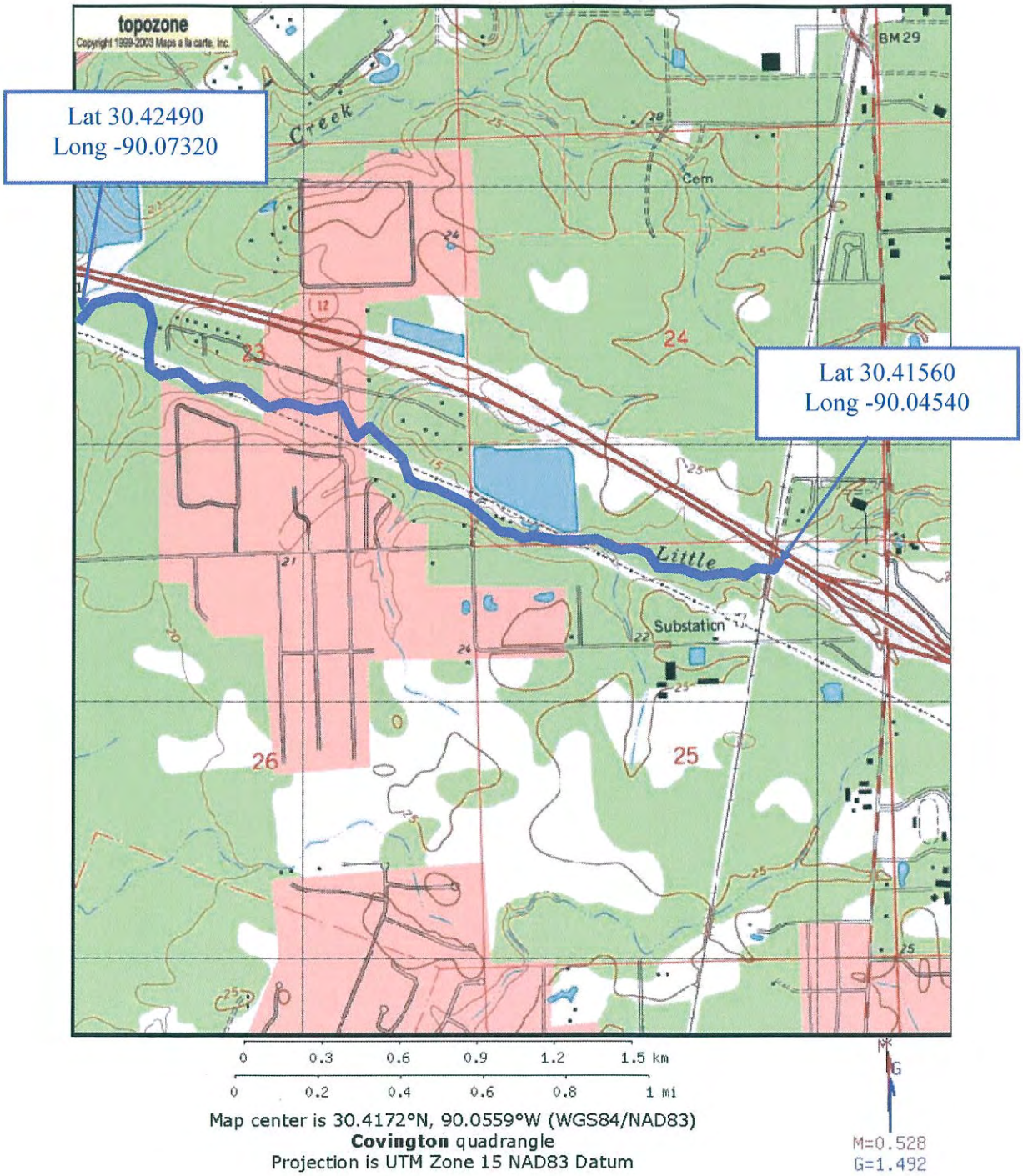
Section 5B Comments:

Section 5C **Sponsor Concurrence:**

Sponsor Representative [signature]

Title: Env. Specialist Date: 3-1-06

Section 6 Attachments:

A. Location Map
B. Site Plan or Sketches
C. Other (explain)

TOPO MAP
DSR 103-05-135K
Little Creek Reach #2
St. Tammany Parish
Estimated Total Reach Length 10,216 LF