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: 03/04/2006

DSR Number: 103-05-164K Project Number: _____

NRCS Entry Only
Eligible: YES ☒ NO ☐
Approved: YES ☒ NO ☐
Funding Priority Number (from Section 4) 2e
Limited Resource Area: YES ☐ NO ☒

Section 1B Sponsor Information

Sponsor Name: St. Tammany Parish

Address: P.O. Box 628

City/State/Zip: Covington, LA 70434

Telephone Number: (985) 898-2552 Fax: (985) 898-5205

Section 1C Site Location Information

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

Latitude: see comments Longitude: see comments Section: 39 Township: 9 Range: 14E

UTM Coordinates: 16

Drainage Name: 19-FW1-1, Bierhorst Road Reach: 3,327 Ft.

Damage Description: Debris is reducing the capacity of Channel. Drainage is severely impeded. Debris consists mostly of trees.

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?*	✓		Hurricane Katrina - August 29, 2005
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: N 30.2902, W 89.8262
end : N 30.29483, W 89.83540

* 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: 103-05-164K

Section 1E Proposed Action

Describe the preferred alternative from Findings: Section 5 A:

Proposed Action- Debris removal with conventional equipment from channel and banks and haul 20 ft. beyond on side worked. Work one side only where possible. Haul debris to approved disposal area.

Total installation cost identified in this DSR: Section 3: $_____

Section 1F NRCS State Office Review and Approval

Reviewed By: _____ III Date Reviewed: 9/12/06
State EWP Program Manager

Approved By: Donald W. Gohmert Date Approved: 9/12/06
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: 103-05-164K

Section 2 Environmental Evaluation

2A Resource Concerns	2B Existing Condition	2C Alternative Designation		
		Proposed Action	No Action	Alternative
		Remove and dispose of debris and large trees from the channel. Use one side of channel only to access Ditch.	Leave debris in stream	Debris removal using helicopter
		2D Effects of Alternatives		
Soil				
Bank erosion	est 20 t/a- steep w/ bare areas & tree uprooting	reduce bank erosion-removing uprooted trees/natural reveget	est 20 t/a- steep w/ bare areas & tree uprooting	reduce bank erosion-removing uprooted trees/natural revegetati
Water				
DO/BOD	Decreased DO/ increased BOD blockage to water	restore DO/BOD similar to prestorm	continued decrease in DO/ increase in BOD	restore DO/BOD similar to prestorm
Overall Stream Health	SVAP = 5.1= poor	SVAP would increase > 5.1	SVAP would continue to decrease < 5.1	SVAP would increase >5.1
Air				
Air quality	Existing condition not impacting air quality	No impact to air quality	No impact to air quality	No impact to air quality
Plant				
riparian plants	excess debris potential damage	debris removal will protect existing riparian buffer zone	excess debris potential damage	debris removal will protect existing riparian buffer zone
few due to poor water quality	few due to poor water quality	increase water quality and aquatic plants	absent or few	increase aquatic plants
Riparian habitat	adequate habitat some areas sparse in others- broken trees	Temporary/negligible effect due to habitat removal for acce	The risk of flood damage increases - channel blockage	beneficial in longterm
Animal				
Aquatic animals	no fish or other observed	Improve aqua animal occurrenc abundance, and diversity	Continued decline in aquatic animal life	Improve aqua animal occurrence abundance, and diversity
Forest animals	Ecosystem supports abundant wildlife -mammals, birds, etc	Temporary/negligible effect due to habitat removal for access	Longterm risks associated with increased of channel floodi	beneficial in longterm
Other				
Stream aesthetics	Aesthetic quality decreased by debris and stagnant water	Improve by removing debris	Aesthetic quality decreased by debris and stagnant water	Improved by removing debris
Riparian aesthetic quality	High aesthetic value w/slight impact -broken trees	Temp decrease at access	Decrease in longterm from cumulative impacts of debris	beneficial in longterm
Vector	Increased insect abundance due to stagnant water	Reduce stagnant/breeding	Increased insect abundance due to stagnant water	Reduce stagnant/breeding

DSR NO: 103-05-164K

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 in channel affects water flow and water quality	CWA permit required - improve water quality and restore hydrology	Continued decrease in water quality w/ debris decomposition and altered hydrology	CWA permit required - improve water quality and restore hydrology
Coastal Zone Management Areas	Located in the Coastal Zone	Consistency Authorization	Located in the Coastal Zone	Consistency Authorization
Coral Reefs	N/A	N/A	N/A	N/A
Cultural Resources	(FOTG) none observed on-site	(FOTG) none observed on-site	(FOTG) none observed on-site	(FOTG) none observed on-site
Endangered and Threatened Species	None observed. 6 known and 2 possible T&E species listed for Parish in FOTG -	None observed. 6 known and 2 possible T&E species listed for Parish in FOTG -	None observed. 6 known and 2 possible T&E species listed for Parish in FOTG -	None observed. 6 known and 2 possible T&E species listed for Parish in FOTG -
Environmental Justice	N/A	N/A	N/A	N/A
Essential Fish Habitat	(FOTG) No EFH - reference NOAA	(FOTG) No EFH	(FOTG) No EFH	(FOTG) No EFH
Fish and Wildlife Coordination	State level review by project type with USFWS&LDWF; Consultation not required for debris removal.	State level review by project type with USFWS&LDWF; Consultation not requireand high numberd.	State level review by project type with USFWS&LDWF; Consultation not required.	State level review by project type with USFWS&LDWF; Consultation not required.
Floodplain Management	Located in 100-year flood plain. Potential impairment of function.	site located within 100-year floodplain restored to prestorm condition	Located in 100-year flood plain. Potential impairment of function..	site located within 100-year floodplain restored to prestorm condition
Invasive Species	Japanese Climbing Vine, Chinese Tallow Tree, Chinese Privit, Christmas Berry	No effect	No effect	No effect
Migratory Birds	Abundant habitat - calls heard during site visit along some points of reach	Proposed action will not have a significant adverse effect on habitat or population	Excess debris contributes to increased flooding and decreased habitat quality	No adverse effect on habitat during removal.
Natural Areas	(FOTG) None present	(FOTG) None present	(FOTG) None present	(FOTG) None present
Prime and Unique Farmlands	(FOTG) None present	N/A	N/A	N/A
Riparian Areas	Riparian habitat potential ot be impacted by flooding due to debris accumulation	Riparian habitat improved by debris removal although decrease at access points	Riparian habitat potential ot be impacted by flooding due to debris accumulation	Riparian habitat improved by debris removal although decrease at access points
Scenic Beauty	(FOTG) None present - no designated areas of Scenic Beauty within project area	N/A	N/A	N/A
Wetlands	Stagnant pools with debris. Emergent/wooded wetlands possible, not noted at visit	Debris removed from ditch water and adjacent to ditch. Wetlands not adversely impacted.	Ditch water containing debris. Emergent/wooded wetlands possible/may be at risk 4 flood	Debris removed from ditch water and adjacent to ditch. Wetlands not adversely impact
Wild and Scenic Rivers	(FOTG) (LDWF scenic streams list) Not listed	(FOTG) (LDWF scenic streams list) Not listed	(FOTG) (LDWF scenic streams list) Not listed	(FOTG) (LDWF scenic streams list) Not listed

Completed By: Richard McCright Date: 03/04/2006

DSR NO: 103-05-164K

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)			
17 Houses @ $125,000 ea.	2,125,000.00	25	531,250.00
Properties Protected (Public)			
1 Church @ $200,000 ea.	200,000.00	25	50,000.00
Business Losses			
Other			
Total Near Term Damage Reduction $			581,250.00
Net Benefit (Total Near Term Damage Reduction minus Cost from Section 3)			

Completed By: Mike Mullennex Date: 03/02/2006

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?	☐	✓	Not in the immediate area but several deaths attributable to the storm occurred in the Parish
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?	✓	☐	Yes - 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: Mike Mullennex Date: 03/02/2006

DSR NO: _____
103-05-164K

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	1
Asian Male Hispanic	
Asian Male Non-Hispanic	1
Black or African American Female Hispanic	
Black or African American Female Non-Hispanic	4
Black or African American Male Hispanic	
Black or African American Male Non-Hispanic	4
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	25
White Male Hispanic	
White Male Non-Hispanic	25
Total Group	58

Census tract(s) T041101 BG2

Completed By: Mike Mullennex Date: 03/04/2006

DSR NO: 103-05-164K

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.

CWA permit prior to debris removal in channel (COE).

Water Quality Certification (LDEQ)

Consistency Authorization(LDNR CMD)

Mitigation Description:

Access debris from only one side of channel, may alternate sides of channel as appropriate to minimize work related damages/disturbances and costs. Work should be conducted along channel at access points with consideration given to the existing riparian ecosystem and residential area to minimize work related damages and disturbances. Reseeding will be used to reestablish vegetation in disturbed areas susceptible to high amounts of erosion. Debris removal will conducted during consecutive days minimize disturbance to surrounding wildlife and residents.

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

COE
LDEQ
LDWF
LDNR CMD

St. Tammany Parish Government
Private landowners

DSR NO: 103-05-164K

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?	☐	☑		2 e
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: 103-05-164K

Section 5A Findings

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

The proposed Action is described in Section 1E.The proposed action is the preferred alternative. The proposed action is the least costly alternative that achieves the restoration objectives, maximizes environmental benefits, and is socially acceptable.

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).

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

Title: Soil Conservationist Date: ~~03/04/2006~~ 8/31/06

Section 5B Comments:

Section 5C **Sponsor Concurrence:**

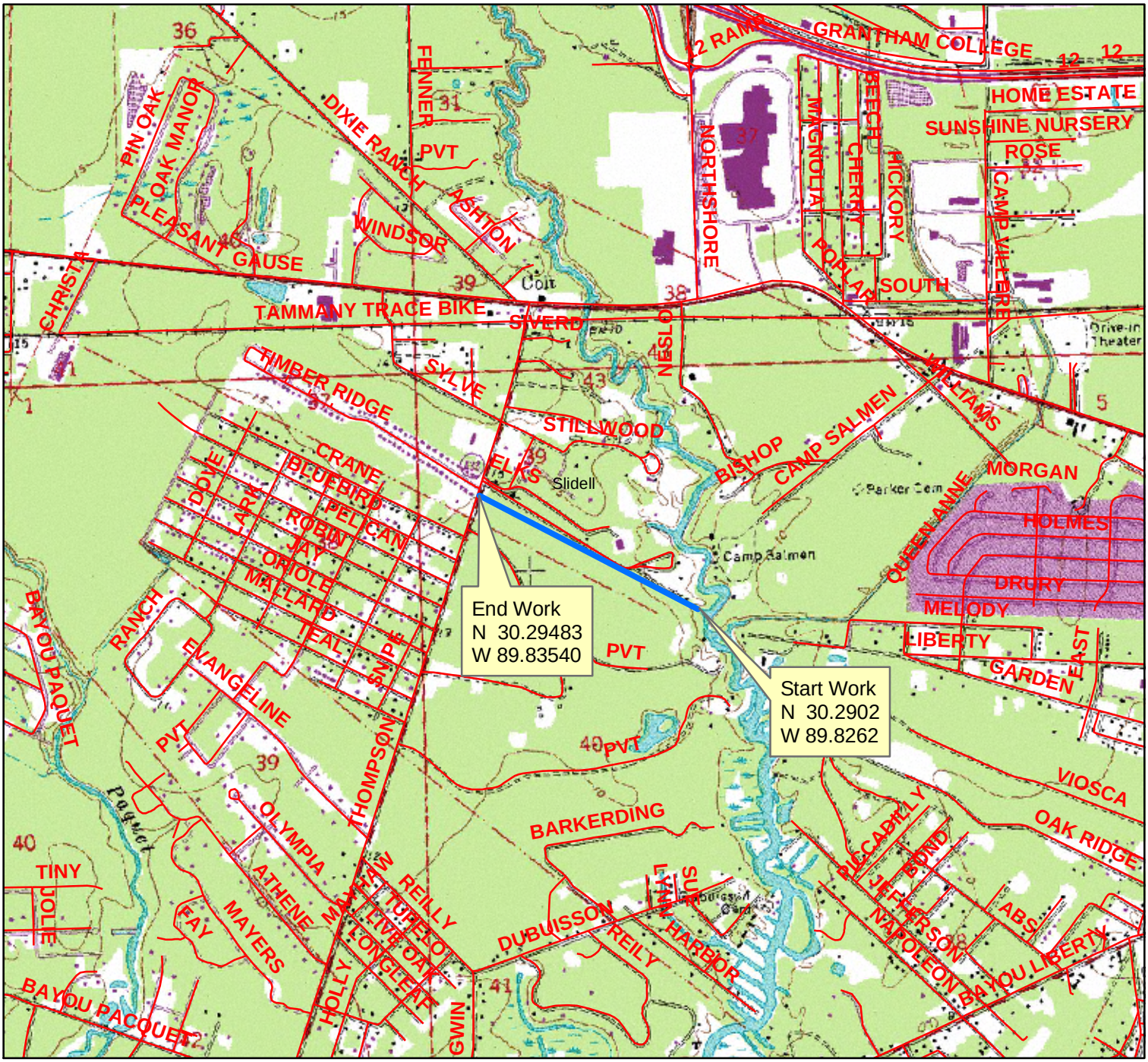
Sponsor Representative

Title: Env. Spc. Date: 9.1.06

Section 6 Attachments:

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

TOPO MAP OF 19-FW1-1 BIERHORST RD
DSR 103-05-164K
ST. TAMMANY PARISH



Legend

- Quad Lines
- Roads
- 19-FW1-1

Topo Quad Slidell
Sections: 39
Township 9S
Range 14E

August 29, 2006

JB