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

NRCS Entry Only
Eligible: YES X NO ☐
Approved: YES X NO ☐
Funding Priority Number (from Section 4) 1e
Limited Resource Area: YES ☐ NO X

Section 1A

Date of Report: 02/21/2006

DSR Number: 103-05-109K Project Number: Bayou Lacombe

Section 1B Sponsor Information

Sponsor Name: St. Tammany Parish

Address: PO Box 628

City/State/Zip: Covington, LA 70434

Telephone Number: (985) 898-2552 Fax:

Section 1C Site Location Information

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

Latitude DS: 30.6510 Longitude DS:89.92245 Section:4,5 ,7, 8, 32, 33 Township: 7S, 8S Range: 13E
Latitude US: 30.39347 Longitude US:89.89508
UTM Coordinates:

Drainage Name: B. Lacombe Reach1 Reach: 18,300 feet

Damage Description: Debris - Medium with complexities

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:

* 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.

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Section 1E Proposed Action

Describe the preferred alternative from Findings: Section 5 A:

Remove and dispose debris and large trees from the channel using only one side of the channel for access

Total installation cost identified in this DSR: Section 3: $ 410,200.00

Section 1F NRCS State Office Review and Approval

Reviewed By: _____ Date Reviewed: 3/1/06
State EWP Program Manager

Approved By: Donald W. Gohmert Date Approved: 3/3/06
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

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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.

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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				
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 = 6.4 = fair	SVAP = 6.9 = fair	SVAP = 6.4 = fair	SVAP = 6.9 = fair
Air				
particulate matter/dust	no effect	slight temporary increase during debris removal	no effect	slight temporary increase during debris removal
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
aquatic plants	few due to poor water quality or low diversity in vegetated areas	increase water quality and aquatic plants	absent or few	increase aquatic plants
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
Vectors	increased vector habitat due to areas of stagnant water	decrease vector habitat	increased vector habitat due to stagnant water	decrease vector habitat

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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. No CWA permit will be needed if debris is left in channel.	improve water quality; CWA permit required	decrease water quality; increase blockage/clutter	improve water quality; short term increase in damage; CWA permit required
Coastal Zone Management Areas	Not within the coastal zone.	N/A	N/A	N/A
Coral Reefs	N/A	N/A	N/A	N/A
Cultural Resources	None observed on-site. Cross reference with state leader.	None observed on-site. Cross reference with state leader.	None observed on-site. Cross reference with state leader.	None observed on-site. Cross reference with state leader.
Endangered and Threatened Species	(FOTG Section II) (Federal/State Lists) None observed on-site nor suitable habitat noted.	(FOTG Section II) (Federal/State Lists) None observed on-site	(FOTG Section II) (Federal/State Lists) None observed on-site	(FOTG Section II) (Federal/State Lists) None observed on-site nor suitable habitat noted.
Environmental Justice	N/A	N/A	N/A	N/A
Essential Fish Habitat	N/A (Referenced with NOAA)	N/A (Referenced with NOAA)	N/A (Referenced with NOAA)	N/A (Referenced with NOAA)
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 required for debris removal	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 required
Floodplain Management	Bayou Lacombe is located in 100-year floodplain and 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	Chinense privet and japanese climbing fine noted in stream riparian zone.	No long-term effects.	Chinense privet and japanese climbing fine noted in stream riparian zo	No long-term effects.
Migratory Birds	Food and habitat reduced due to debris covering subcanopy habitat and riparian	Food and cover quality improved by debris removal	Food and habitat reduced due to debris covering subcanopy habitat and riparian	Food and cover quality improved by debris remova
Natural Areas	(FOTG II) none identified	(FOTG II) none identified	(FOTG II) none identified	(FOTG II) 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 debris accumulation and altered hydrology.	Riparian area improved by debris removal; increased temporary impacts resulting from access
Scenic Beauty	(FOTG II) None present	(FOTG II) None present	(FOTG II) None present	(FOTG II) None present
Wetlands	None noted on-site associated with Bayou Lacombe flood plain.	None noted on-site associated with Bayou Lacombe flood plain.	None noted on-site associated with Bayou Lacombe flood plain.	None noted on-site associated with Bayou Lacombe flood plain.
Wild and Scenic Rivers	(FOTG II) - LDWF Scenic Streams List (not listed)	(FOTG II) - LDWF Scenic Streams List (not listed)	(FOTG II) - LDWF Scenic Streams List (not listed)	(FOTG II) - LDWF Scenic Streams List (not listed)

Completed By: Kris Davis Date: 02/21/2006

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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)			
Houses	~~145,000.00~~ 1,450,000 BM	25	362,500.00
5@50,000, 6@ 150,000 1@300,000			
Other:			
1 bridge @ $1,000,000	1,000,000.00	25	250,000.00
2 powerline poles @ $2,000	4,000.00	25.00	1,000.00
1 telephone box @ $1,000	1,000.00	25	250.00
1 Natural Gas Pipeline	4,000.00	25.00	1,000.00
		Total Near Term Damage Reduction $	614,750.00
		Net Benefit (Total Near Term Damage Reduction minus Cost from Section 3)	204,550.00

Completed By: Kevin Stilley Date: 02/21/2006

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?	✓		
Has the community as a whole been adversely impacted by the watershed impairment (life and property ceases to operate in a normal capacity)	✓		
Is there a lack or has there been a reduction of public safety due to watershed impairment?	✓		

Completed By: Kevin Stilley Date: 02/21/2006

DSR NO: _____
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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	4
Black or African American Male Hispanic	
Black or African American Male Non-Hispanic	5
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	1
White Female Non-Hispanic	13
White Male Hispanic	1
White Male Non-Hispanic	12
Total Group	36

Census tract(s) Lacombe CDP

Completed By: Kevin Stilley Date: 02/22/2006

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 construction in channel is needed.

Water Quality Certification is needed.

Mitigation Description:

Avoid impacts to southern side of channel to prevent damage to riparian zone adjacent to channel. Work should be conducted from northern side of channel whenever possible.
Debris will be disposed of off-site when possible to minimize impacts to adjacent riparian areas and to minimize detriment to fish habitat within stream and disposed off in a approved landfill if not chipped on-site.
Reseeding of riparian zone will be required after removal to minimize run-off effects in riparian zone in accordance with (342) Critical area treatment found in EFOTG Section IV.
Removal will be done in consecutive days to minimize impacts to local wildlife.

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

U.S. Army Corps of Engineers New Orleans District	LDEQ
Brian Breaux	LDWF

St. Tammany Parish Government

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Section 3 Engineering Cost Estimate

Completed By: Yancy Stam Date: 12/08/2005

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

Proposed Recovery Measure (including mitigation)	Quantity	Units	Unit Cost ($)	Amount ($)
Remove and dispose debris and large trees from the channel using only one side of the channel for access				0.00
Mobilization and Demobilization	1	LS	5,000.00	5,000.00
Channel Obstruction Removal	18,300	LF	22.00	402,600.00
Seeding, Sprigging, Mulching	13	AC	200.00	2,600.00
				0.00
				0.00
				0.00
				0.00
				0.00
				0.00
				0.00
				0.00
				0.00
				0.00
				0.00
				0.00
				0.00
				0.00
			Total Installation Cost (Enter in Section 1F)$	410,200.00

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)	

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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:

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Section 5A Findings

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

Remove and dispose debris and large trees from the channel using only one side of the channel for access using conventional equipment.

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 _____
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: Dist. Conser. Date: 02/18/2006

Section 5B Comments:

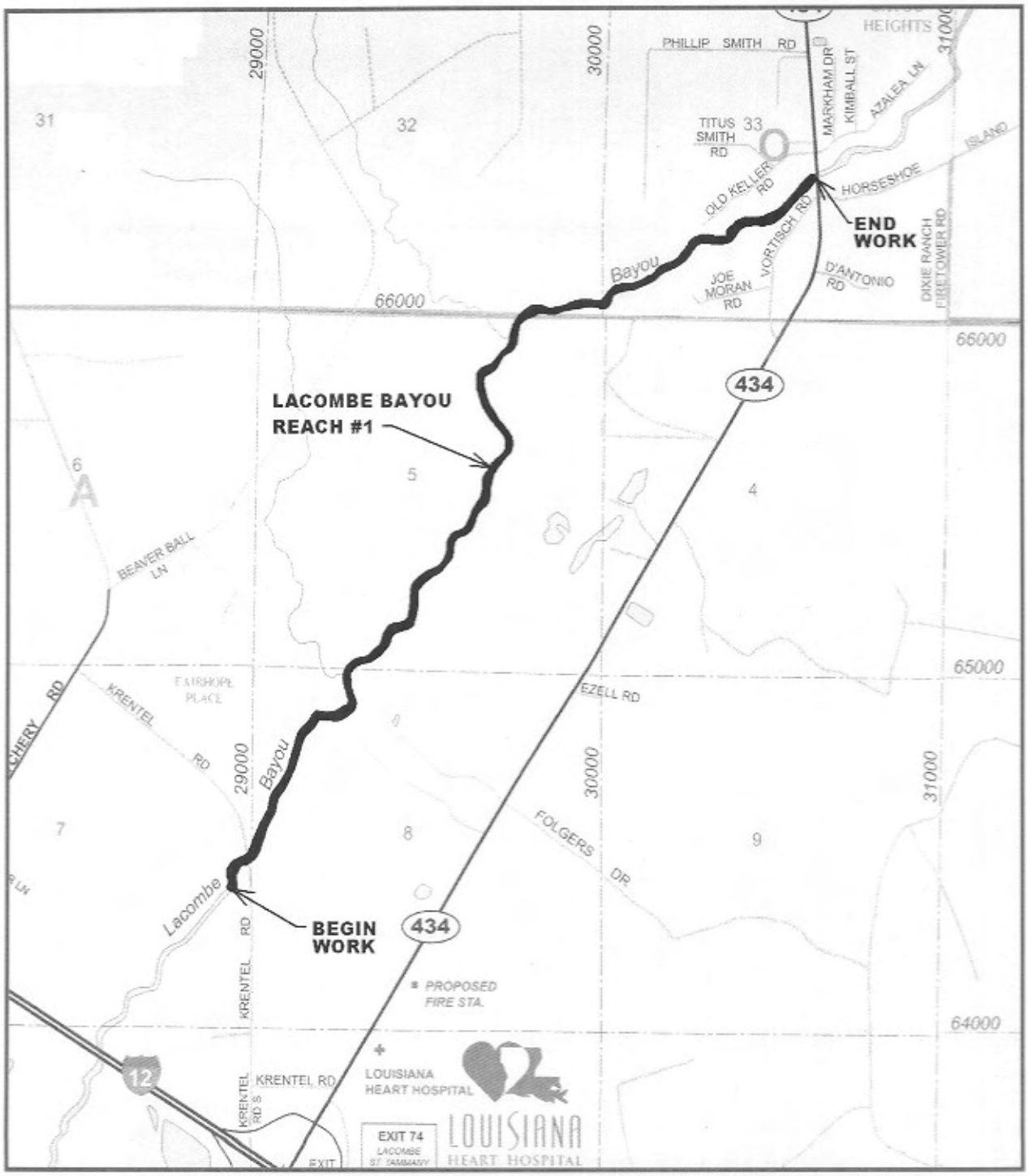
Section 5C **Sponsor Concurrence:**

Sponsor Representative

Title: Env. Specialist Date: 02-23-06

Section 6 Attachments:

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

SITE MAP
DSR 103-05-109K
ST. TAMMANY PARISH

LACOMBE BAYOU REACH #1
EST. LENGTH: 18,300'