



REPLY TO
ATTENTION OF

Operations Division
Western Evaluation Section

DEPARTMENT OF THE ARMY
NEW ORLEANS DISTRICT, CORPS OF ENGINEERS
P.O. BOX 60267
NEW ORLEANS, LOUISIANA 70160-0267

JUL 15 2010

SUBJECT: (General Permit) NOD-20
BASE FILE: MVN 2010-1705 WB

BP America
C/O Providence
1201 Main Street
Baton Rouge, Louisiana 70802

Gentlemen:

This concerns a letter dated July 11, 2010, requesting authority to install and maintain Hesco Baskets being placed from Bayou Thunder to Breach 4 for about 6 miles along Fourchon Beach in Lafourche Parish, in order to prevent advancing oil and effects of the MC252 (Deepwater Horizon) spill from affecting and entering inside bays.

We have reviewed your request and find that the work qualifies under (General Permit) NOD-20 for emergency operations, as long as all conditions of this permit are met. This authorization does not obviate you from acquiring a Louisiana Coastal Use Permit or any other federal, state, or local approvals that may be required by law.

The following conditions are hereby made a part of this emergency authorization:

- 1. The authorized activities shall be done in accordance with your request and performed in a manner that will avoid adverse impacts to the environment and aquatic resources, to the maximum extent practicable.*
- 2. Permittee is aware that this office may reevaluate its decision on this permit at any time the circumstances warrant.*
- 3. The Chitimacha Tribe of Louisiana has stated that the project area is part of the aboriginal Chitimacha homelands. If during the course of work at the site, prehistoric and/or historic aboriginal cultural materials are discovered, the applicant will contact the Chitimacha Tribe of Louisiana at P.O. Box 661, Charenton, LA 70523, and the Army Corps of Engineers, New Orleans District (CEMVN) Regulatory Branch. CEMVN, Regulatory Branch will initiate the required Federal, State, and Tribal coordination to determine the significance of the cultural materials and the need, if applicable, for additional cultural resource investigations.*
- 4. This authorization does not obviate the permittee from obtaining any necessary approvals from other pertinent federal, state, and/or local authorities.*

5. *Mechanized land clearing, filling, or tracking of vegetative wetland areas for access, staging, and/or implementation of the proposed work is not authorized, unless expressly identified on the attached drawings. Any alterations or changes in scope of the proposed project which would have unavoidable impacts to wetland areas not considered under this authorization would require a separate Department of the Army review and decision, prior to commencing that work.*
6. *The permittee shall assure that any contractors, foremen, and/or workers associated with construction of the project are equally aware of the conditions and restrictions associated with this approval.*
7. *If archaeological materials and/or human remains are discovered during ground disturbing activities you shall cease and desist all activities in the project area and contact this office.*
8. *Since this proposed activity occurs within an area impacted by the Deepwater Horizon Oil Spill, the permittee is required to contact the U.S. Coast Guard at (504) 846-5923, prior to commencement of work for the purpose of obtaining clearance to conduct any dredge and/or fill activities within affected areas, as authorized by this permit action.*
9. *Permittee shall have a third party biologist on site to document the presence, or lack thereof, of nesting birds and whether the work results in nest abandonment. On-going coordination shall be maintained with this office, in association with any findings.*
10. *The permittee shall avoid impacting piping plover habitat and intertidal foraging habitats, further consultation with the USFWS and this office will be required to restore and/or mitigate these effects. The permittee shall have a third party biologist on site to document the presence, or lack thereof, of piping plover and whether the work results in abandonment. On-going coordination shall be maintained with this office, in association with any findings.*
11. *The permittee understands and agrees that, if future operations by the United States require the removal, relocation, or other alteration, of the structure or work herein authorized, or if, in the opinion of the Secretary of the Army or his authorized representative, said structure or work shall cause unreasonable obstruction to the free navigation of the navigable waters, the permittee will be required, upon duenotice from the Corps of Engineers, to remove, relocate, or alter the structural work or obstructions caused thereby, without expense to the United States. No claim shall be made against the United States on account of any such removal or alteration.*
12. *Your use of the permitted activity must not interfere with the public's right to free navigation on all navigable waters of the United States.*
13. *You must install and maintain, at your expense, any safety lights, signs and signals prescribed by the U.S. Coast Guard, through regulations or otherwise, on your authorized facilities.*
14. *If the proposed project, or temporary maintenance work, involves the use of floating construction equipment (barge mounted cranes, barge mounted pile driving equipment,*

floating dredge equipment, dredge discharge pipelines, etc.) in the waterway, you are advised to notify the U.S. Coast Guard so that a Notice to Mariners, if required, may be prepared. Notification, with a copy of your permit approval and drawings, should be mailed to the U.S. Coast Guard, Sector New Orleans Command Center, 201 Hammond Highway, Metairie, Louisiana 70005, about 1 month before you plan to start work. Telephone inquiries can be directed to (504) 846-5923.

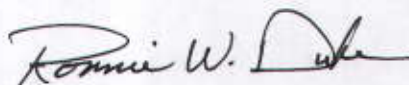
This approval is subject to the terms and conditions of (General Permit) NOD-20, dated September 13, 2007, a copy of which is enclosed. Please note that a formal permit application and drawings must be submitted within the time limits stated in the attached general permit.

The attached NOD-20 outlines the conditions with which you must apply including the formal application within 30 days.

Your project is located within the Louisiana Coastal Zone, as such your formal permit application submittal must be sent through the Louisiana Department of Natural Resources. Should you require information on submitting your application through their office, please contact Mr. Karl Morgan at [REDACTED].

If you have any questions, please feel free to contact Darlene Herman with this office at (504) 862-2287 or at Darlene.C.Herman@usace.army.mil.

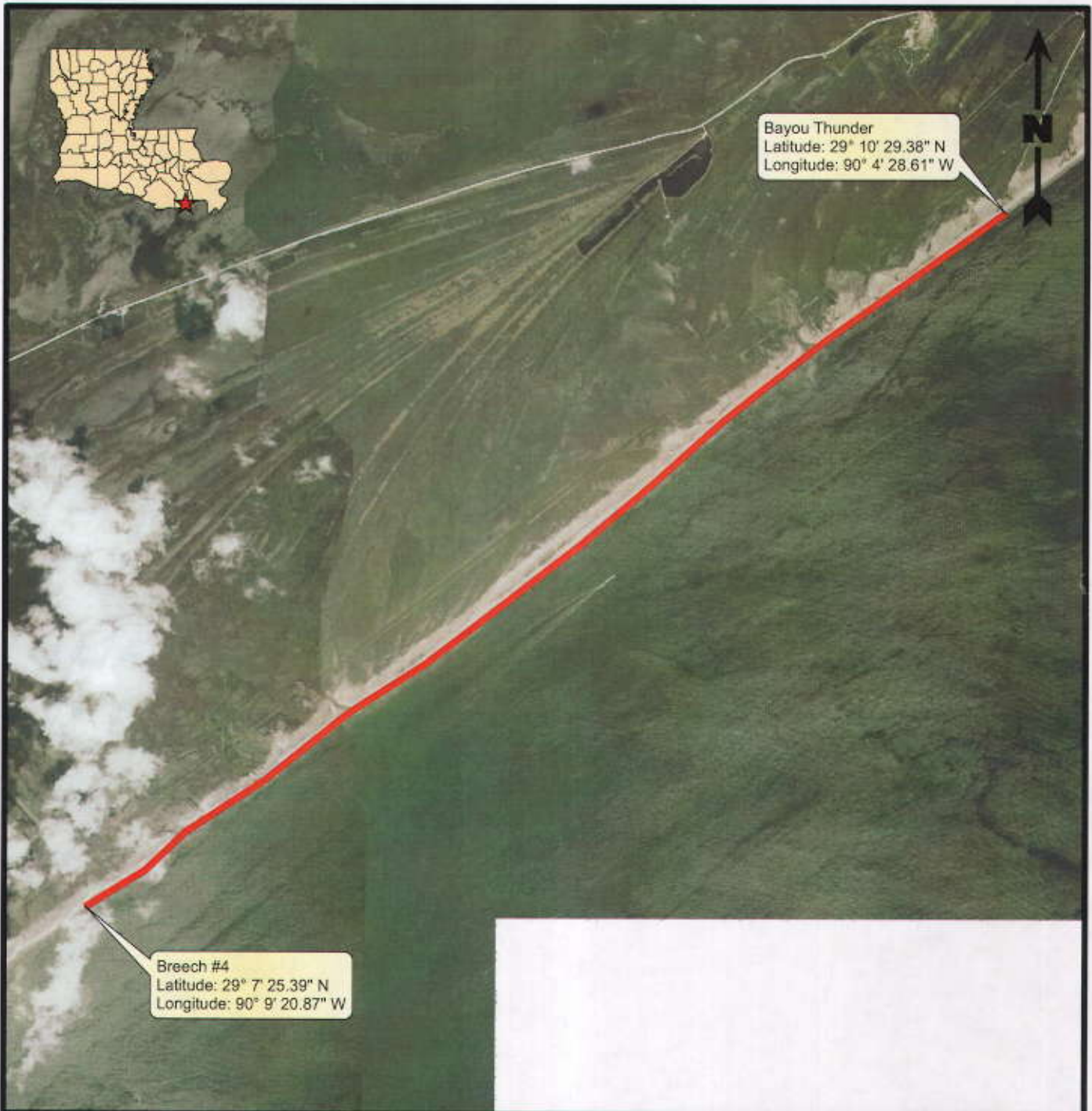
Sincerely,



for

Pete J. Serio
Chief, Regulatory Branch
Operations Division

Enclosure




Bayou Thunder
 Latitude: 29° 10' 29.38" N
 Longitude: 90° 4' 28.61" W

Breach #4
 Latitude: 29° 7' 25.39" N
 Longitude: 90° 9' 20.87" W



Legend

 Hesco Basket Installation Area

Reference

Base map comprised of 2009 aerial photograph.

Site Location Map

Hesco Basket Installation (approx. 6 miles)
 Port Fourchon, Lafourche Parish, Louisiana

British Petroleum
 Port Fourchon, Louisiana

Drawn By	DRA	06/29/10
Checked By	LMH	06/29/10
Approved By	KJM	06/30/10

Project Number 621-007	1 Figure
Drawing Number 621-007-A001	



REPLY TO
ATTENTION OF

DEPARTMENT OF THE ARMY
NEW ORLEANS DISTRICT, CORPS OF ENGINEERS
P.O. BOX 60267
NEW ORLEANS, LOUISIANA 70160-0267

JUL 15 2010

Herman 1287
Brecht
EUA 10-072

Operations Division
Western Evaluation Section

SUBJECT: (General Permit) NOD-20
BASE FILE: MVN 2010-1705 WB

BP America
C/O Providence
1201 Main Street
Baton Rouge, Louisiana 70802

FILE

Gentlemen:

This concerns a letter dated July 11, 2010, requesting authority to install and maintain Hesco Baskets being placed from Bayou Thunder to Breach 4 for about 6 miles along Fourchon Beach in Lafourche Parish, in order to prevent advancing oil and effects of the MC252 (Deepwater Horizon) spill from affecting and entering inside bays.

We have reviewed your request and find that the work qualifies under (General Permit) NOD-20 for emergency operations, as long as all conditions of this permit are met. This authorization does not obviate you from acquiring a Louisiana Coastal Use Permit or any other federal, state, or local approvals that may be required by law.

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FILE

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OD-SW
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for Semi
OD-S

5. *Mechanized land clearing, filling, or tracking of vegetative wetland areas for access, staging, and/or implementation of the proposed work is not authorized, unless expressly identified on the attached drawings. Any alterations or changes in scope of the proposed project which would have unavoidable impacts to wetland areas not considered under this authorization would require a separate Department of the Army review and decision, prior to commencing that work.*
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The attached NOD-20 outlines the conditions with which you must apply including the formal application within 30 days.

Your project is located within the Louisiana Coastal Zone, as such your formal permit application submittal must be sent through the Louisiana Department of Natural Resources. Should you require information on submitting your application through their office, please contact Mr. Karl Morgan at [REDACTED].

If you have any questions, please feel free to contact Darlene Herman with this office at (504) 862-2287 or at Darlene.C.Herman@usace.army.mil.

Sincerely,

Pete J. Serio
Chief, Regulatory Branch
Operations Division

Enclosure

bp



July 11, 2010

Mr. Martin Mayer
Chief, Central Evaluation Section
New Orleans District
U.S. Army Corps of Engineers
7400 Leake Avenue
New Orleans, LA 70118-3651

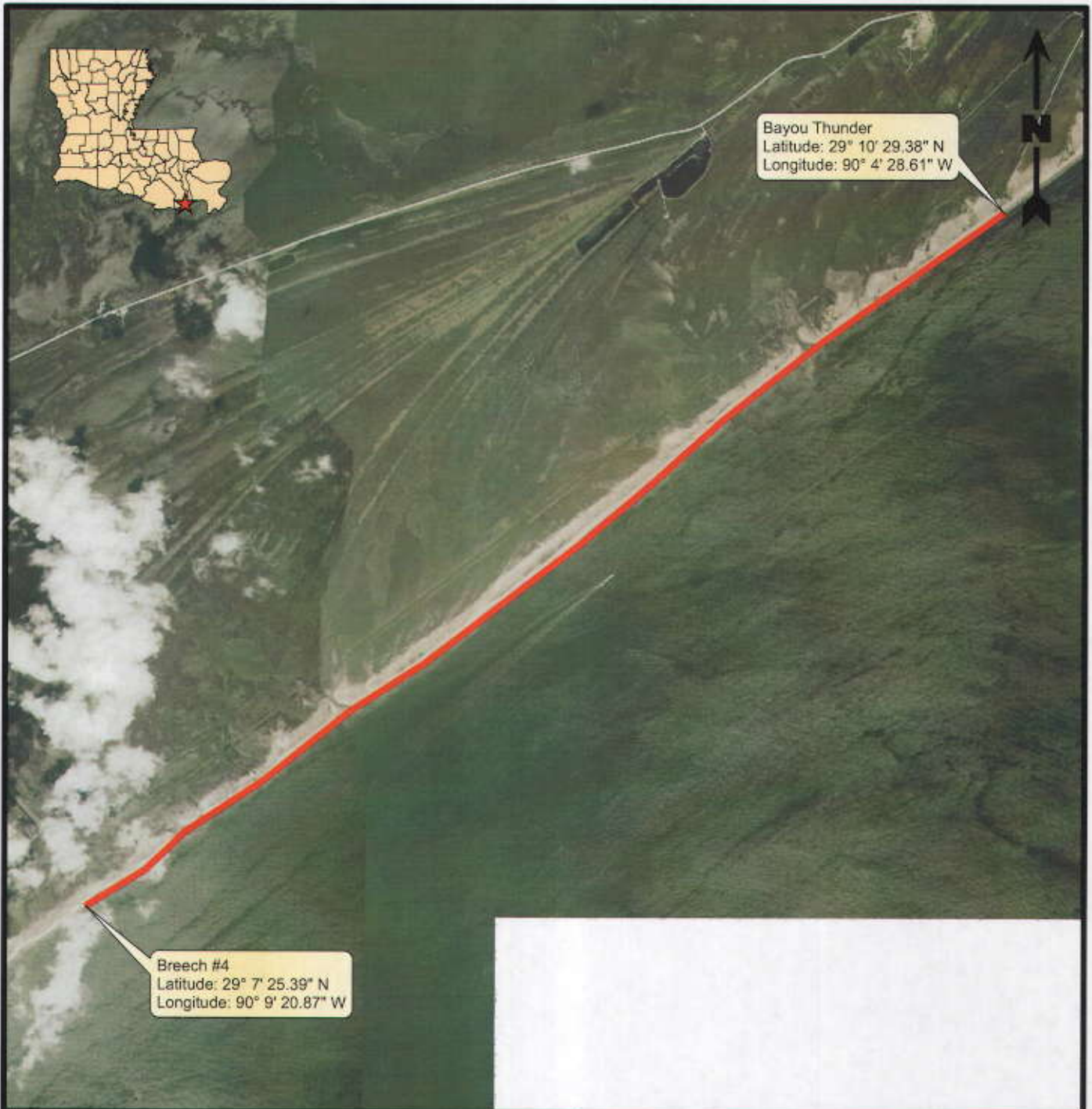
Dear Mr. Mayer:

BP is requesting a revision to the emergency authorization granted to BP on 7/1/10, to install a structure along **Fourchon beach** in **Lafourche Parish** to protect inland marshes from potential damage from oil released during the spill – the Tiger Dam. As the Tiger Dam method proved unsuccessful, we are now proposing the use of **HESCO baskets** instead of the Tiger Dam structure. The baskets are to be placed on the previously-described alignment (**Figure 1**, attached). BP understands that subsequent to emergency authorization, a revised after-the-fact Joint Permit Application must be submitted to your office within 30 days. Your prompt attention in this matter will be greatly appreciated.

If you have any further questions please contact me at [REDACTED] or by email at david.hild@bp.com.

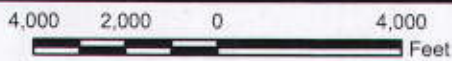
Sincerely

David Hild
Branch Director
BP



Bayou Thunder
 Latitude: 29° 10' 29.38" N
 Longitude: 90° 4' 28.61" W

Breach #4
 Latitude: 29° 7' 25.39" N
 Longitude: 90° 9' 20.87" W



Legend

 Hesco Basket Installation Area

Reference

Base map comprised of 2009 aerial photograph.

Site Location Map

Hesco Basket Installation (approx. 6 miles)
 Port Fourchon, Lafourche Parish, Louisiana

British Petroleum
 Port Fourchon, Louisiana

Drawn By	DRA	06/29/10
Checked By	LMH	06/29/10
Approved By	KJM	06/30/10

Project Number	1 Figure
621-007	
Drawing Number	
621-007-A001	



DEPARTMENT OF THE ARMY
NEW ORLEANS DISTRICT, CORPS OF ENGINEERS
P.O. BOX 60267
NEW ORLEANS, LOUISIANA 70160-0267

REPLY TO
ATTENTION OF

Operations Division
Regulatory Branch

SEP 13 2007

SUBJECT: MVN-1997-4840-CX
(General Permit)NOD-20

SPECIAL PUBLIC NOTICE

ANNOUNCEMENT OF GENERAL PERMIT TIME EXTENSION
FOR EMERGENCY OPERATIONS
WITHIN THE NEW ORLEANS DISTRICT

On March 9, 2007, this district issued a public notice announcing consideration of a time extension to the general permit for emergency operations. All available information and comments were considered in determining that the overall public interest would be best served by issuing the time extension. A copy of the extended general permit for emergency operations is attached.

We have reserved the right to modify, suspend, or revoke this general permit any time we determine it is in the public's interest to do so. Interested parties are invited to submit written comments or suggestions for modifications or improvement of this general permit to the Regulatory Branch of this district at any time.

BY THE AUTHORITY OF THE SECRETARY OF THE ARMY:

Pete Serio
Pete J. Serio
Chief, Regulatory Branch

Attachment



DEPARTMENT OF THE ARMY
NEW ORLEANS DISTRICT, CORPS OF ENGINEERS
P.O. BOX 60267
NEW ORLEANS, LOUISIANA 70160-0267

REPLY TO
ATTENTION OF

Operations Division
Regulatory Branch

SEP 13

SUBJECT: MVN-1997-4840-CX
(General Permit)NOD-20

GENERAL PERMIT
EMERGENCY OPERATIONS
WITHIN THE NEW ORLEANS DISTRICT

Authorization No.: (General Permit)NOD-20
Initial Effective Date: November 1, 1982
Expiration Date: October 31, 2012

Under authorization granted by Part 325.8(b) of Title 33, Code of Federal Regulations, the District Commander at New Orleans has granted this general permit for certain emergency operations as described. This permit authorizes work and structures under the following legislation:

- a. Section 10 of the Rivers and Harbors Act of March 3, 1899 (33 USC 403).
- b. Section 404 of the Clean Water Act (33 USC 1344).

This permit does not authorize any work under Section 9 of the Rivers and Harbors Act of March 3, 1899 (33 USC 404) or Section 103 of the Marine Protection, Research and Sanctuaries Act of 1972 (33 USC 1413).

This permit is applicable only within the boundaries of the New Orleans District of the U.S. Army Corps of Engineers.

Work authorized by this general permit is the minimum amount necessary to respond to such emergencies as oil or gas well blowouts, pipeline explosions or ruptures, explosions, fires, oil or hazardous materials spills, and shipwrecks or sinkings of vessels in navigation channels or similar situations which would result in an imminent safety and/or environmental hazard, loss of property, or immediate economic hardship if corrective action requiring a permit is not undertaken within a time period less than the normal time needed to process an application.

Approval to perform work under this general permit does not replace normal permitting approval required under our regulations. Authorization under the general permit is a temporary approval to allow the applicant to perform work under emergency situations. After the emergency situation has been addressed, the applicant must either restore the site to as near pre-project conditions as practical, or must apply for a permit to maintain the work initially authorized under the general permit. Permit applications to maintain work initially authorized under this general permit would be processed in the normal manner to include a public notice, water quality certification from the Louisiana Department of Environmental Quality, and coastal use permit or other approval from the Louisiana Department of Natural Resources, Coastal Management Division, where applicable.

The activities authorized by this general permit include, but are not limited to:

- a. Emergency placement of a drilling rig in open waters to drill a shutoff well.
- b. Emergency dredging and disposal of dredged material for movement of equipment to evacuate personnel, fight fires, shutoff blow-out wells, install and service pollution control equipment, and repair ruptured pipelines.
- c. Emergency dredging and placement of fills to collect and confine oil or hazardous materials.
- d. Emergency dredging and deposition of dredged material to remove or re-float grounded, wrecked, burned out or sunken vessels blocking major navigation channels.
- e. Emergency placement of fills to provide access to a location for placement of drilling rigs to drill shutoff wells.

In addition to the applicable conditions of our standard permit form (copy enclosed), the following conditions apply to this general permit:

- a. Dredging and other activities will be the minimum necessary to meet the emergency.
- b. Restoration is required in accordance with the following:
 - (1) Restoration plans must be submitted to the Regulatory Branch of this district within 30 days of the date when the approval was granted by the New Orleans District for the emergency work under the general permit.
 - (2) The District Commander will consult with appropriate federal, state, and local agencies prior to approval of restoration plans.
 - (3) The restoration work must begin within 30 days of approval of plans or lesser time when so specified by the District Commander or his representative, unless a specific time extension is granted by the New Orleans District.
 - (4) Once begun, restoration work will be diligently prosecuted until completed.

(5) Disturbed wetland areas shall be restored to as near preproject conditions as practicable.

c. In appropriate cases when it may be in the public interest to allow maintenance of structures, fills, or dredged areas installed under this general permit authorization, permittees must apply for and receive a Department of the Army permit. If the permit application is denied, restoration will proceed in accordance with condition b., immediately above.

d. Applications to maintain facilities authorized by this general permit must be submitted within 30 days of the date when the approval was granted by the New Orleans District for the emergency work under the general permit, unless a specific time extension is granted by the New Orleans District. Permit applications will be processed using regular procedures, including a public notice where applicable.

e. Requests to maintain facilities authorized under this general permit must include a completed application form, letter-sized drawings illustrating the location and scope of the work, and be mailed to the Regulatory Branch at the letterhead address above. Applications for work in the Louisiana Coastal Zone must also be sent to the Louisiana Department of Natural Resources, Coastal Management Division.

f. This general permit may be modified, suspended, or revoked by the District Commander any time it is found to be in the public interest to do so.

g. Approval under this general permit does not relieve permittees from obtaining emergency permits or other approvals from any required state or local agency, or the consent of the landowner. For emergency work within the Louisiana Coastal Zone, applicant's must also contact Louisiana Department of Natural Resources, Coastal Management Division (CMD) at (225) 342-7591 for specific approval before performing the emergency work. CMD has a similar emergency general permit, CUP-GP-29.

h. Other conditions may be added in individual approvals for work under this general permit to address site specific conditions or situations.

Procedures to be followed in administering this general permit are as follows:

a. The initial contact may be made in person or by telephone to one of the following numbers.

(1) Regulatory Branch
(504) 862-2255

(2) Eastern Evaluation Section
(504) 862-2044

(3) Central evaluation Section
(504) 862-2276

(4) Western Evaluation Section
(504) 862-2261

For work within the Louisiana Coastal Zone also contact the Louisiana Department of Natural Resources, Coastal Management Division at (225) 342-7591.

b. Authorization under this general permit may be granted upon initial contact provided the requester can present sufficient information on the location, nature, and extent of the work to establish that the emergency situation exists. Depending on the extent of the emergency, immediate verbal authorization may be granted to perform the work, however, in other cases a written request explaining the emergency, with sketches and maps, may be needed to establish that the project qualifies for approval under the provisions of the emergency general permit.

c. If authorization to proceed is granted at the initial contact, the permittee must supply written documentation of the work to be done within 1 working day of the approval being granted, including necessary maps, drawings, and sketches.

d. Permittees will supply all other information necessary to establish a complete file.

e. Written approval will be granted after all necessary information has been provided.



Pete J. Serio
Chief, Regulatory Branch

Enclosures

Herman, Darlene C MVN

Bayou Thunder

From: Duke, Ronnie W MVN
Sent: Monday, July 12, 2010 7:53 AM
To: Herman, Darlene C MVN
Subject: FW: Revisions to Emergency Authorization Issued 7/1/10
Attachments: Cover Letter USACE.doc **Revise - HESCO.doc; 621-007-A001.pdf**

For your information!!

-----Original Message-----

From: Mayer, Martin S MVN
Sent: Monday, July 12, 2010 7:18 AM
To: Duke, Ronnie W MVN; Farabee, Michael V MVN
Subject: FW: Revisions to Emergency Authorization Issued 7/1/10

I don't know which section had the Bayou Thunder emergency app, but please take a look at this and respond as necessary. I'm not sure if the existing authorizations cover the use of HESCO instead of tiger dams. Thanks,

Martin

-----Original Message-----

From: Paul Clifton [mailto:paulclifton@providenceeng.com]
Sent: Sunday, July 11, 2010 10:04 AM
To: Mayer, Martin S MVN
Cc: Dale Mouch; Lester Picard
Subject: Revisions to Emergency Authorization Issued 7/1/10

Martin - please see attached and let me know if you've questions.

thanks

Paul Clifton

Regulatory Services Director

Providence

1201 Main Street

Baton Rouge, LA 70802

Office: [REDACTED]

Fax: [REDACTED]

Cell Phone: [REDACTED]

paulclifton@providenceeng.com <mailto:paulclifton@providenceeng.com>

www.providenceeng.com <http://www.providenceeng.com/>

July 11, 2010

Mr. Martin Mayer

Chief, Central Evaluation Section

New Orleans District

U.S. Army Corps of Engineers

7400 Leake Avenue

New Orleans, LA 70118-3651

Mr. Mayer,

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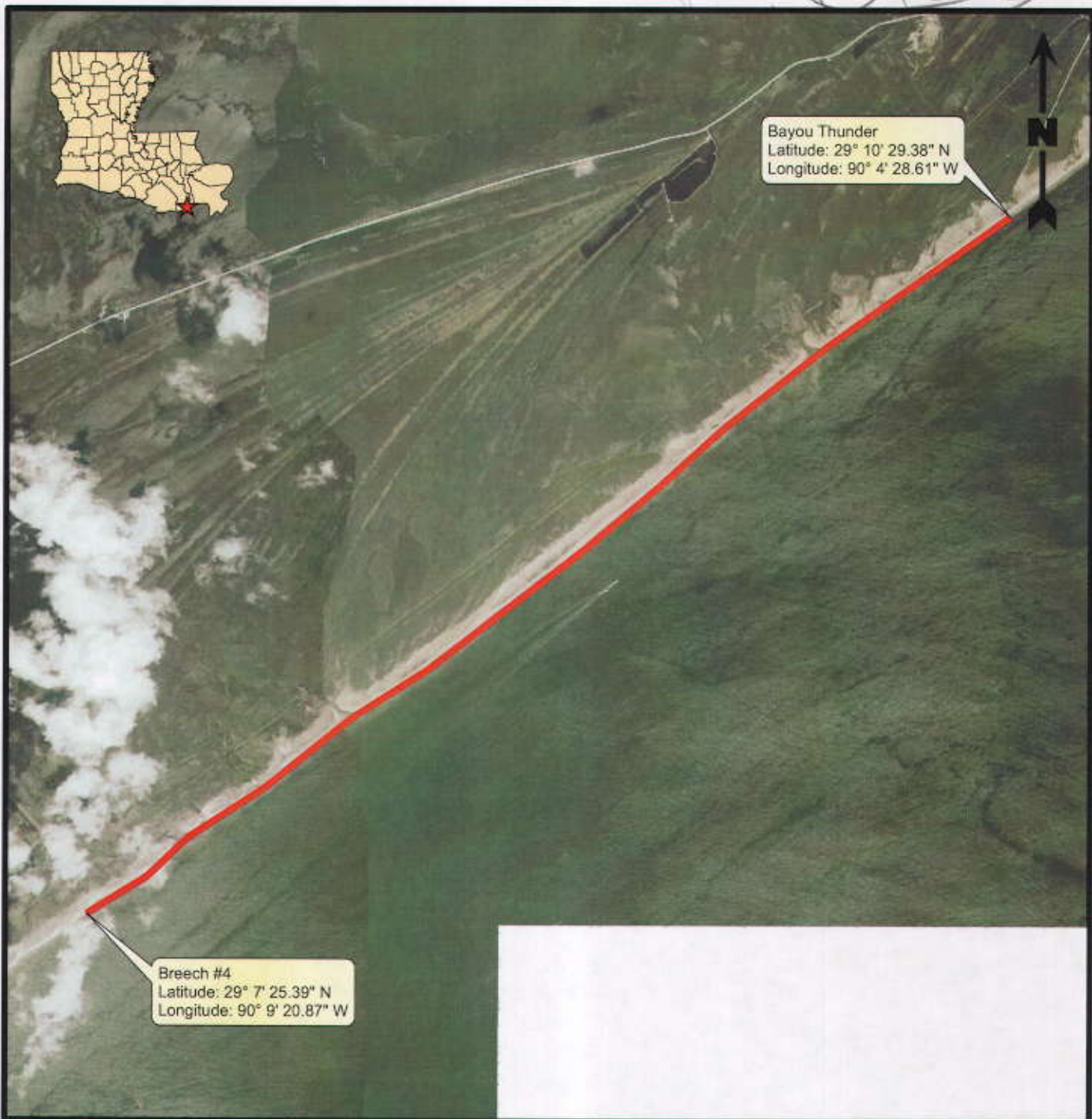
Sincerely

David Hild

Branch Director

BP

152 (O) (D) 1st request



Legend

Tiger Dam Installation Area

Reference

Base map comprised of 2009 aerial photograph.

Site Location Map

Tiger Dam Installation
Port Fourchon, Lafourche Parish, Louisiana

British Petroleum
Port Fourchon, Louisiana

Drawn By	DRA	06/29/10
Checked By	LMH	06/29/10
Approved By	KJM	06/30/10

Project Number 621-007	1 Figure
Drawing Number 621-007-A001	

Herman, Darlene C MVN

Changes to Hesco.

From: Brady Turk [bradyturk@providenceeng.com]
Sent: Tuesday, July 13, 2010 1:52 PM
To: Herman, Darlene C MVN
Subject: FW: EAU 10-072 - Tiger Dam Project
Attachments: 621-007-A001.pdf; Cover Letter USACE doc Revise - HESCO.docx

FYI

From: Brady Turk
Sent: Tuesday, July 13, 2010 1:46 PM
To: Martin Mayer (martin.s.mayer@usace.army.mil)
Subject: EAU 10-072 - Tiger Dam Project

Mr. Mayer,

Please find attached the request for an emergency permit near Port Fourchon, LA. Feel free to contact me if you have any questions.

Brady Turk

Sr. Environmental Specialist

Providence

1201 Main Street

Baton Rouge, LA 70802

Office: (████████████████████)

Cell: (████████████████)

Fax: (████████████████)

bradyturk@providenceeng.com <<mailto:kyleschmidt@providenceeng.com>>

www.providenceeng.com <<http://www.providenceeng.com/>>

Herman, Darlene C MVN

From: Brady Turk [bradyturk@providenceeng.com]
Sent: Tuesday, July 13, 2010 2:37 PM
To: Herman, Darlene C MVN
Subject: Tiger Dam Project
Attachments: 621-007-A001 (revised).pdf

Darlene,

See the attached drawing. Let me know if you need anything else. Thanks!

Brady Turk

Sr. Environmental Specialist

Providence

1201 Main Street

Baton Rouge, LA 70802

Office: ([REDACTED])

Cell: [REDACTED]

Fax: [REDACTED]

bradyturk@providenceeng.com <<mailto:kyleschmidt@providenceeng.com>>

www.providenceeng.com <<http://www.providenceeng.com/>>

Herman, Darlene C MVN

From: Duke, Ronnie W MVN
Sent: Wednesday, July 14, 2010 7:23 AM
To: Herman, Darlene C MVN
Subject: FW: EUA 10-072-1 (Amendment) - replace Tiger Dams with Hesco Baskets
Attachments: Cover Letter LDNR.RPC.KJM. Revised - HESCOdoc.doc; 621-007-A001.pdf

For your information!!

-----Original Message-----

From: Joseph "Jay" Pecot [mailto:Jay.Pecot@LA.GOV]
Sent: Tuesday, July 13, 2010 2:38 PM
To: 'Brady Turk'; 'Hild, David G'
Cc: Farabee, Michael V MVN; Duke, Ronnie W MVN
Subject: EUA 10-072-1 (Amendment) - replace Tiger Dams with Hesco Baskets

Brady and Dave,

Your comments are consistent with Dave Hild of BP except the ROW, but the 20'ROW was only for the one-way vehicle track. The 60' ROW is probably more accurate when vehicle turnarounds, the basket footprint, small ATVs and workers.

I have copied Mike Farabee and Ronnie Duke with the USCOE.

I am awaiting LDWF comments still, will have authorization as soon as they are received.

Let me know if you have any other questions/comments.

Welcome, J

Correct typo on fill should be 24, 000 CY of fill.

Your estimate on the right of way is probably good.

Dave Hild

BP Texas City Refinery
I&E Maintenance Superintendent

office
cell
fax

NOTICE - This communication may contain confidential and privileged information that is for the sole use of the intended recipients. Any viewing, copying or distribution of, or reliance on this message by unintended recipients is strictly prohibited. If you have received this message in error, please notify us immediately by replying to the message and deleting it from your computer

From: Joseph "Jay" Pecot [mailto:Jay.Pecot@LA.GOV]
Sent: Tuesday, July 13, 2010 10:19 AM
To: Hild, David G; 'Paul Clifton'
Cc: Mclemore, John P (Swift)
Subject: RE: Revision to EUA 10-072 Issued 6/30/10

Dave/Paul,

Final confirmation for a couple of items:

Would you estimate a 16-20' right of way for the TR30 Conveyor (basket loader) and a dump truck hauling in sand?

Estimated fill for Hesco Baskets is 2,400 cubic yards (appears to be typo below)?

I am awaiting comments from LDWF, upon receipt, I will submit your request for authorization.

JayPecot - Staff Scientist DCL-A

Louisiana Department of Natural Resources

Coastal Management Division

617 N. 3rd Street

Baton Rouge, LA 70802

Phone: [REDACTED] Fax: [REDACTED]

From: Hild, David G [mailto:david.hild@bp.com]
Sent: Monday, July 12, 2010 6:12 PM
To: Joseph "Jay" Pecot
Cc: Hild, David G; Mclemore, John P (Swift)
Subject: RE: Revision to EUA 10-072 Issued 6/30/10

See below, information provide to me by National Guard.

Dave Hild
BP Texas City Refinery
I&E Maintenance Superintendent
[REDACTED] office
[REDACTED] cell
[REDACTED] fax

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From: Joseph "Jay" Pecot [mailto:Jay.Pecot@LA.GOV]
Sent: Monday, July 12, 2010 11:47 AM
To: 'Paul Clifton'
Cc: Hild, David G
Subject: Revision to EUA 10-072 Issued 6/30/10

Paul and/or David,

Please advise/confirm the following:

The project has the same linear footprint (6 miles). Thunder Bayou to Breach #3, 2970 units of concertainer units of Hescos (about 6 miles)

What is the estimated width of the Hesco Baskets? About 3 feet Please provide approximate estimate of cubic yards of (sand) fill for Hesco baskets. Total for all baskets is 24,000 Cubic Yards

Will they be installed by tracked/wheeled vehicles (no water vessels involved)? If yes, will the vehicle right-of-way (please provide ROW width estimate) required for installation be restricted to the seaward side of the Hesco Baskets and the baskets/vehicles restricted from impacting any sand dunes and/or beach vegetation? See attached

Will any excavation be required for installation of the baskets? To be determined to keep baskets levels. If yes, please provide estimated dimensions and cubic yardage.

Let me know if you have any questions/comments. I will see if I can get this amendment to you later today, more likely tomorrow morning if I need to wait on any requested comments from agencies.

Tks,

JayPecot - Staff Scientist DCL-A
Louisiana Department of Natural Resources
Coastal Management Division
617 N. 3rd Street
Baton Rouge, LA 70802
Phone: [REDACTED] Fax: [REDACTED]

JayPecot - Staff Scientist DCL-A
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Phone: [REDACTED] Fax: [REDACTED]

From: Brady Turk [mailto:bradyturk@providenceeng.com]
Sent: Tuesday, July 13, 2010 1:42 PM
To: Joseph "Jay" Pecot
Subject: Hesco Basket Project

Jay,

Below is the answers to the questions you had regarding the emergency project near Port Fourchon. I will request an emergency permit from the Corps as well. Let me know if you need anything else. Thanks!

The project has the same linear footprint (6 miles). YES

What is the estimated width of the Hesco Baskets? 3'Wx3'Lx3'Dx4'H

Please provide approximate estimate of cubic yards of (sand) fill for Hesco baskets. 24,000 CY of FILL

Will they be installed by tracked/wheeled vehicles (no water vessels involved)? TRACKED VEHICLES

If yes, will the vehicle right-of-way (please provide ROW width estimate) required for installation be restricted to the seaward side of the Hesco Baskets and the baskets/vehicles restricted from impacting any sand dunes and/or beach vegetation? Row width is approx 60ft and yes vehicle right-of way will be to seaward side of HESCOs.

Will any excavation be required for installation of the baskets? No

Brady Turk

Sr. Environmental Specialist

Providence

1201 Main Street

Baton Rouge, LA 70802

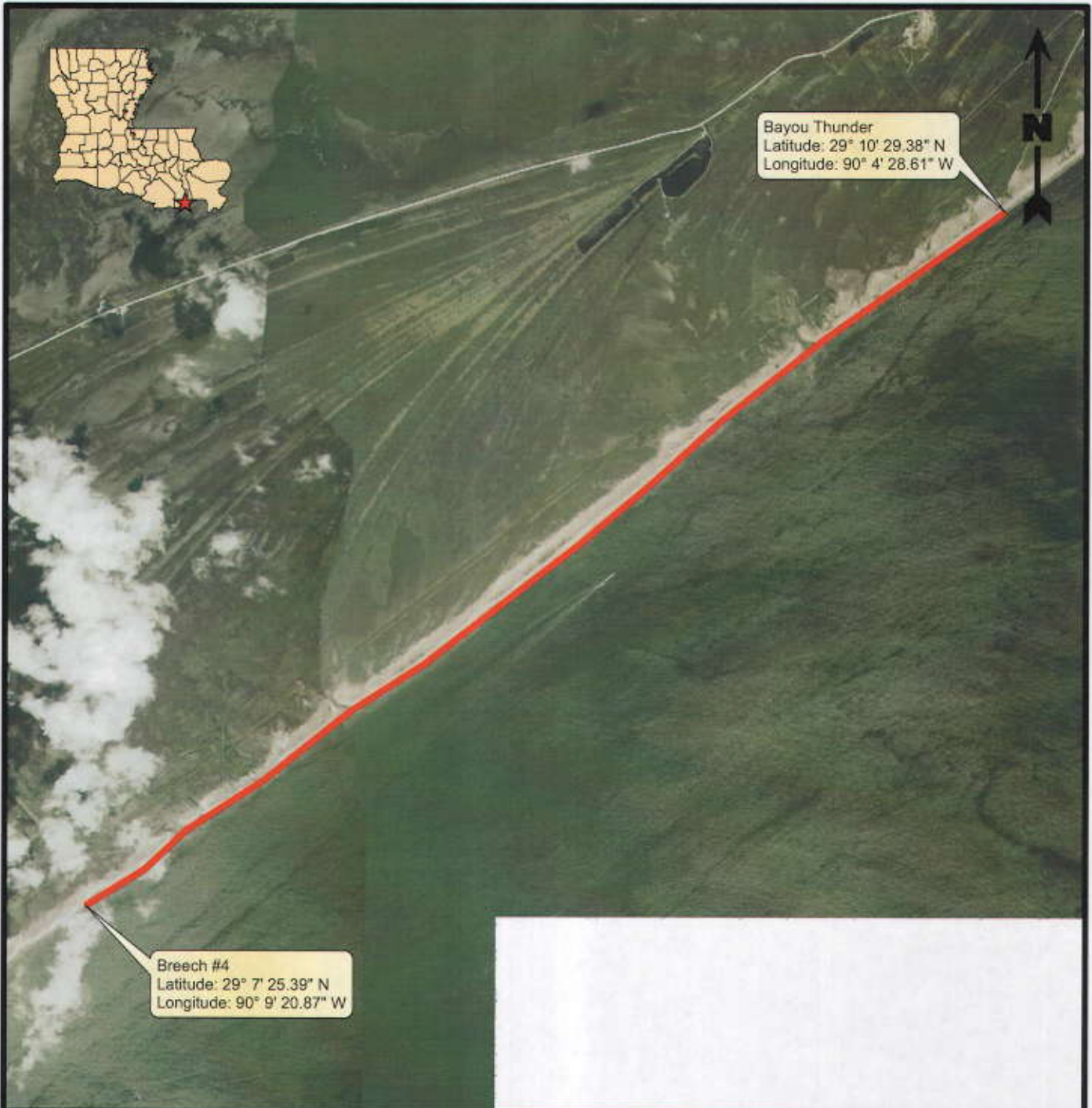
Office: ([REDACTED])

Cell: [REDACTED]

Fax: [REDACTED]

bradyturk@providenceeng.com <mailto:kyleschmidt@providenceeng.com>

www.providenceeng.com <http://www.providenceeng.com/>



Bayou Thunder
 Latitude: 29° 10' 29.38" N
 Longitude: 90° 4' 28.61" W

Breach #4
 Latitude: 29° 7' 25.39" N
 Longitude: 90° 9' 20.87" W



Legend

Tiger Dam Installation Area

Reference

Base map comprised of 2009 aerial photograph.

Site Location Map

Tiger Dam Installation
 Port Fourchon, Lafourche Parish, Louisiana

British Petroleum
 Port Fourchon, Louisiana

Drawn By	DRA	06/29/10
Checked By	LMH	06/29/10
Approved By	KJM	06/30/10

Project Number 621-007	1 Figure
Drawing Number 621-007-A001	

Herman, Darlene C MVN

From: Herman, Darlene C MVN
Sent: Thursday, July 15, 2010 8:29 AM
To: 'david.hild@bp.com'; 'BradyTurk@providenceeng.com'; 'houmaSITL@uscg.mil'; 'Jay.Pecot@LA.Gov'; 'Karl.Morgan@LA.Gov'; Daigle, Michelle C MVN; Mujica, Joaquin MVN; Clark, Karl J MVN
Cc: Duke, Ronnie W MVN; Serio, Pete J MVN
Subject: Emergency Permit NOD-20 (MVN 2010-1705 WB) Hesco Baskets
Attachments: document2010-07-15-075641.pdf

Please see attached Emergency Authorization NOD-20 to BP to install Hesco Baskets being placed from Bayou Thunder to Breach 4 along Fourchon Beach in Lafourche Parish.

Darlene Herman
US Army Corps of Engineers
Western Evaluation Section
(504) 862-2287