

# ORM PROCESSING SHEET

Applicant Terrebonne Levee & Construction District Agent \_\_\_\_\_  
South Lafourche Levee District  
Description dredge and place material to refurbish pipeline levee

Proj. Manager Bobby Quebedeaux PM Code WJL Parish Terrebonne, Lafourche  
Permit No. MVN-2010-01549-055 (Ex.: MVN 2004-2159-CY)

Regulatory File Name (40 characters) \_\_\_\_\_

SP PGP \_\_\_ GP 20 NWP \_\_\_ LOP Mod: w/PN w/oPN Timex: w/PN w/oPN

Authority: ( ) 10 ( ) 404 (  ) 10/404 Circle Permit Types: ATF: Y or N PCN: Y or N

( ) Coastal Zone Management Act Procedure Classification: OCZ CUP GP Local Exempt

In description field enter (P# & Analyst last name): ~~P201~~ EUA-10-063 73

Date printed on CUP \_\_\_/\_\_\_/\_\_\_ Date CUP rec'd \_\_\_/\_\_\_/\_\_\_

( ) Section 401 WQC Procedure

In description field enter (WQC# & Analyst last name): WQC# \_\_\_\_\_

Date printed on WQC \_\_\_/\_\_\_/\_\_\_ Date WQC rec'd \_\_\_/\_\_\_/\_\_\_

( ) Within Conservation Plan Boundary (CPB). Date CPB Coordinator contacted \_\_\_/\_\_\_/\_\_\_

Mitigation performed within the CPB: Y or N

Hydrologic Unit Code (HUC): \_\_\_\_\_

MITIGATION: Y or N Acreage/type \_\_\_\_\_ Location \_\_\_\_\_

## DATES

Date Rec'd (stamped on application) Jun 128 / 2010 Date App Assigned Jun 128 / 2010

Date App Determined Complete \_\_\_/\_\_\_/\_\_\_ Date of Receipt of Complete App \_\_\_/\_\_\_/\_\_\_

PUBLIC NOTICE: Begin \_\_\_/\_\_\_/\_\_\_ End \_\_\_/\_\_\_/\_\_\_ Time/ext requested by \_\_\_\_\_

Date requested \_\_\_/\_\_\_/\_\_\_ Comment period extended until \_\_\_/\_\_\_/\_\_\_

ORM Subacts (required):

EFH (Essential Fish Habitat): Yes No begin \_\_\_/\_\_\_/\_\_\_ end \_\_\_/\_\_\_/\_\_\_

ESA (Endangered Species Act): Yes No begin \_\_\_/\_\_\_/\_\_\_ end \_\_\_/\_\_\_/\_\_\_

Congressional (add under request for action): Yes No begin \_\_\_/\_\_\_/\_\_\_ end \_\_\_/\_\_\_/\_\_\_

FOIA request (add under request for action): Yes No begin \_\_\_/\_\_\_/\_\_\_ end \_\_\_/\_\_\_/\_\_\_

MEETINGS (number):

Pre-app: \_\_\_ Dates: \_\_\_/\_\_\_/\_\_\_ ; \_\_\_/\_\_\_/\_\_\_ Site visit: \_\_\_ Dates: \_\_\_/\_\_\_/\_\_\_ ; \_\_\_/\_\_\_/\_\_\_

Other: \_\_\_ Dates: \_\_\_/\_\_\_/\_\_\_ ; \_\_\_/\_\_\_/\_\_\_

FTO/Date Decision Mailed (date stamped on FTO - closes out EVAL SP, etc.) \_\_\_/\_\_\_/\_\_\_

STO (same as Date PMT Signed and End Date - closes out Request for Action) \_\_\_/\_\_\_/\_\_\_

Date PMT expires \_\_\_/\_\_\_/\_\_\_

PROCESSING TIME (days) \_\_\_\_\_

FURNISH COPY OF PERMIT TO: ( ) Real Estate Division ( ) NMFS ( ) DNR (Conservation Plan Boundary Coordinator)

NOTES: Need drawings showing prepared work!

Purpose? barrier against oil

## **Quebedeaux, Bobby D MVN**

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**From:** Quebedeaux, Bobby D MVN  
**Sent:** Wednesday, July 14, 2010 12:12 PM  
**To:** 'Jerome Zeringue'  
**Cc:** Duke, Ronnie W MVN; Serio, Pete J MVN; 'Karl Morgan'  
**Subject:** EUA - 10 073, Twin Pipelines Dredge and Fill

Jerome,

Corps has not received information requested on July 2 and July 7 for EUA 10-073, see below. As such, project status: WITHDRAWN.

Bobby

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

**From:** Quebedeaux, Bobby D MVN  
**Sent:** Wednesday, July 07, 2010 2:03 PM  
**To:** 'Jerome Zeringue'  
**Cc:** Duke, Ronnie W MVN; Serio, Pete J MVN; 'Karl Morgan'  
**Subject:** EUA - 10 - 063 Twin Pipelines Geotextile fabric and EUA - 10 073, Twin Pipelines Dredge and Fill

Jerome,

See email below- we have received signed applicant request on applicant letterhead for EUA 10-063. EUA 10-063 has been issued.

We have not received signed applicant request on applicant letterhead for EUA 10-073 (but I faxed meanwhile to agencies; results to 10-073 (fill and dredge): strongly opposed). If you all intend to pursue, I will need request on letterhead from two applicants. Status: As I have not received such, I have withdrawn EUA request 10-073. Left you voice mail of same. Thanks.

Bobby

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

**From:** Quebedeaux, Bobby D MVN  
**Sent:** Friday, July 02, 2010 12:18 PM  
**To:** 'Jerome Zeringue'  
**Cc:** Duke, Ronnie W MVN; Serio, Pete J MVN  
**Subject:** FW: EUA - 10 - 063 Twin Pipelines Geotextile fabric

Jerome,

Corps needs EUA requests 10-063 (Geotextile fabric placement) and 10-073 (dredge and fill) on applicant letterhead. Please provide. Thanks.

Bobby

## Quebedeaux, Bobby D MVN

---

**From:** Quebedeaux, Bobby D MVN  
**Sent:** Wednesday, July 07, 2010 2:03 PM  
**To:** 'Jerome Zeringue'  
**Cc:** Duke, Ronnie W MVN; Serio, Pete J MVN; 'Karl Morgan'  
**Subject:** EUA - 10 - 063 Twin Pipelines Geotextile fabric and EUA - 10 073, Twin Pipelines Dredge and Fill

Jerome,

See email below- we have received signed applicant request on applicant letterhead for EUA 10-063. EUA 10-063 has been issued.

We have not received signed applicant request on applicant letterhead for EUA 10-073 (but I faxed meanwhile to agencies; results to 10-073 (fill and dredge): strongly opposed). If you all intend to pursue, I will need request on letterhead from two applicants. Status: As I have not received such, I have withdrawn EUA request 10-073. Left you voice mail of same. Thanks.

Bobby

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

**From:** Quebedeaux, Bobby D MVN  
**Sent:** Friday, July 02, 2010 12:18 PM  
**To:** 'Jerome Zeringue'  
**Cc:** Duke, Ronnie W MVN; Serio, Pete J MVN  
**Subject:** FW: EUA - 10 - 063 Twin Pipelines Geotextile fabric

Jerome,

Corps needs EUA requests 10-063 (Geotextile fabric placement) and 10-073 (dredge and fill) on applicant letterhead. Please provide. Thanks.

Bobby

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

**From:** Quebedeaux, Bobby D MVN  
**Sent:** Friday, July 02, 2010 12:15 PM  
**To:** 'jim\_boggs@fws.gov'; 'Patti Holland (E-mail)'; 'Patrick Williams'; 'Richard Hartman'; 'rachel.sweeney@noaa.gov'; 'Ettinger.John@epamail.epa.gov'; 'Brad\_Rieck@fws.gov'; 'keeler.barbara@epa.gov'  
**Cc:** Duke, Ronnie W MVN; 'kbalkum@wlf.la.gov'; 'rcdavis@wlf.la.gov'; 'Karl Morgan'; 'Jamie Phillippe'; 'Butler, Dave'; Serio, Pete J MVN; 'Jerome Zeringue'  
**Subject:** EUA - 10 - 063 Twin Pipelines Geotextile fabric

All,  
Emergency authorization is requested, see attachment and email below (the co-applicants are Terrebonne Levee and Conservation District (TLCD), 220 A Clendenning Rd, Houma, LA 70363 and South Lafourche Levee District (SLLD), 17904 Hwy 3235, Galliano, LA, 70354). "The purpose is to construct a barrier against oil while the threat of oil intrusion exists" by installation of GEOTEXTILE FABRIC. Note: DNR has already issued permit, see attachment. Also, DNR is using EUA-10-063 for this project and EUA-10-073 for prior pending proposal (dredge and fill)- same footprint.

Please review and send any comments by noon, Tuesday, July 6, 2010. Thanks.

Bobby

Bobby Quebedeaux  
Senior Environmental Resources Specialist

U.S. Army Corps of Engineers  
New Orleans District  
Regulatory Branch, Western Section  
(504) 862-2224 office  
(504) 862- 2574 fax  
<http://www.mvn.usace.army.mil/ops/regulatory/index.asp>

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

From: Jerome Zeringue [mailto:Jerome.Zeringue@LA.GOV]  
Sent: Thursday, July 01, 2010 4:20 PM  
To: Quebedeaux, Bobby D MVN; Duke, Ronnie W MVN  
Subject: RE: EUA - 10 - 063 Twin Pipelines Geotextile fabric

Hey Ronnie,  
I wanted to forward the EUA request on behalf of Terrebonne Parish and ask if you need any additional information for your consideration.

Thanks Ronnie

Jerome Zeringue  
Deputy Director  
CPRA  
450 Laurel Street, Baton Rouge, LA 70801  
[REDACTED] (Phone)  
[REDACTED] (Fax)  
[REDACTED] (Email)

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

From: Karl Morgan  
Sent: Tuesday, June 29, 2010 4:39 PM  
To: 'Marc J. Rogers'; Jerome Zeringue; Karl Leonards (DNR)  
Cc: Regina Staten; Kirk Kilgen; Rod Pierce; 'bobby.d.quebedeaux@usace.army.mil'; Stephen Chustz (DNR); Louis Buatt; Windell Curole; Mitch J. Marmande; Reggie Dupre; 'ronnie.w.duke@usace.army.mil'  
Subject: RE: EUA - 10 - 063 Twin Pipelines Geotextile fabric

Marc,

I have issued Emergency Use Authorization 10-063 for closure of the breaches using geotextile fabric as an interim measure that can be implemented immediately to protect against oil crossing the barrier. No dredging is permitted under this authorization as airboats can be used to transport the materials equipment. The authorization is attached. Please read the conditions carefully.

We will continue to evaluate the requested project and await the plats showing the location of the equipment tracking. We have assigned the dredging project a new number EUA 10-073.

**Quebedeaux, Bobby D MVN**

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**From:** Quebedeaux, Bobby D MVN  
**Sent:** Tuesday, June 29, 2010 4:38 PM  
**To:** 'jim\_boggs@fws.gov'; 'Patti Holland (E-mail)'; 'Patrick Williams'; 'Richard Hartman'; 'rachel.sweeney@noaa.gov'; 'Ettinger.John@epamail.epa.gov'; 'Brad\_Rieck@fws.gov'; 'keeler.barbara@epa.gov'  
**Cc:** Duke, Ronnie W MVN; 'kbalkum@wlf.la.gov'; 'rcdavis@wlf.la.gov'; 'Karl Morgan'; 'Karl Leonards (DNR)'; 'Jamie Phillippe'; 'Butler, Dave'  
**Subject:** EUA - 10 - 063/MVN-2010-01549-WJJ  
**Attachments:** pipeline est to golden meadow.pdf; Twin Pipeline.pdf

*both attachments (but had to be sent separately - large files)*

All,  
Emergency authorization is requested, see attachment and email below (the co-applicants are Terrebonne Levee and Conservation District (TLCD), 220 A Clendenning Rd, Houma, LA 70363 and South Lafourche Levee District (SLLD), 17904 Hwy 3235, Galliano, LA, 70354). "The purpose is to construct a barrier against oil while the threat of oil intrusion exists", per agent- Mitch Marmande, T. Baker Smith.

Please review and send any comments by COB June 30. Thanks.  
Bobby

Bobby Quebedeaux  
Senior Environmental Resources Specialist

U.S. Army Corps of Engineers  
New Orleans District  
Regulatory Branch, Western Section  
(504) 862-2224 office  
(504) 862- 2574 fax  
<http://www.mvn.usace.army.mil/ops/regulatory/index.asp>

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

**From:** Karl Leonards (DNR) [mailto:Karl.Leonards@LA.GOV]  
**Sent:** Monday, June 28, 2010 2:32 PM  
**To:** Quebedeaux, Bobby D MVN  
**Subject:** FW: EUA - 10 - 063

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

**From:** Karl Leonards (DNR)  
**Sent:** Wednesday, June 23, 2010 1:05 PM  
**To:** 'Butler, Dave'; 'kbalkum@wlf.la.gov'; 'rcdavis@wlf.la.gov'; 'mweigel@wlf.la.gov'; Kenneth Bahlinger; Andrew Beall; Brad Miller  
**Cc:** Karl Morgan; Kirk Kilgen; Rod Pierce  
**Subject:** FW: EUA - 10 - 063

Please provide comments for EUA - 10 - 063. The applicant proposes to fill numerous breaks in the levee to protect wetlands in both Terrebonne and Lafourche Parishes. Borrow areas will be located south of the existing

spoil bank along the broken areas. Fill and borrow areas are identified on the plats labeled, "Phase I - Montegut to Isle Jean Charles", "Phase II - Isle Jean Charles to Bayou Point Aux Chenes", "Phase III - Bayou Point Aux Chenes to Catfish Lake", and "Phase IV - Catfish Lake to Golden Meadow". Approximate dredging depths will not exceed 5' in depth and will be approximately 75' in width with a 4 to 1 side slopes on either end of the borrow ditch. The average depth will be approximately 3'. Approximately 175,000 cubic yards of native material will be excavated and used as fill. No additional dredge or fill is required.

LOCATION:	FEATURES
Phase I-Montegut to Isle Jean Charles (A) Lat. 29° 25' 18.48"N, Long. 90° 33' 10.17"W (P) Lat. 29° 24' 23.78"N, Long. 90° 29' 36.84"W	OCRP TE-10, TE-6
Phase II-Isle Jean Charles to Bayou Point Aux Chenes (A) Lat. 29° 24' 19.62"N, Long. 90° 29' 19.80"W (X) Lat. 29° 23' 33.11"N, Long. 90° 23' 49.20"W	OCRP TE-10, TE-6 OCRP Veg Plantings
Phase III-Bayou Point Aux Chenes to Catfish Lake (1) Lat. 29° 23' 27.72"N, Long. 90° 23' 05.95"W (BB) Lat. 29° 21' 34.36"N, Long. 90° 18' 28.33"W	OCRP Veg Plantings LNHP 090912
Phase IV-Catfish Lake to Golden Meadow (A) Lat. 29° 21' 26.98"N, Long. 90° 18' 13.74"W (V) Lat. 29° 19' 49.74"N, Long. 90° 14' 50.42"W	LNHP 090912

If you need additional information, please contact me. I will be forwarding an addition email concerning this project.

Please provide comments asap.

Thank you,

Karl Leonards  
LDNR - Office of Coastal Management  
[REDACTED]

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

From: Mitch J. Marmande [mailto:Mitch.Marmande@tbsmith.com]  
Sent: Monday, June 21, 2010 5:56 PM  
To: Sara Krupa; Jerome Zeringue  
Cc: Regina Staten; Karl Morgan; Antoinette DeBosier  
Subject: RE: twin pipelines EUA

Sara,

In response to the email from Harmon Brown, I have prepared the attached maps to detail the exact locations of the fill and excavation areas. Contained on this plan view is a table which references by number the location of the fill areas (beginning and end points) and by letter the excavation areas (beginning and end points).

There are many access points as one travels west to east and labeled on the original submittal: Humble Canal, Oilfield Canals, Island Road, Highway 665, Bayou Point Aux Chenes, Bayou Jean Charles, Several Canals, Grand Bayou, Catfish Lake, Bay Sevin, Laurier Bayou and finally Highway 1. As you can see by the waterways listed above, there is no shortage of ways to transport people and supplies to the equipment and troublesome areas.

The current height of the spoil varies from location to location but the majority of the spoil bank is +2-+3 NAVD; however, a centerline profile has not been run throughout the entire length.

During our investigations, we feel that by providing a "no dredging" distance of 50 from the toe of the fill area to the beginning of the borrow area would be sufficient for stability. The dredging depths would not exceed 5 foot in depth and will be approximately 75 feet in width with 4 to 1 side slopes on either end of the borrow ditch. The average depths of borrow will be approximately 3 feet.

The draglines and marsh buggy excavators shall use diesel fuel and as mentioned before are easily accessed through the many local waterways.

Please do not hesitate to contact me with any further questions.

Mitch Marmande

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

From: Sara Krupa [mailto:Sara.Krupa@LA.GOV]  
Sent: Monday, June 21, 2010 10:43 AM  
To: Jerome Zeringue; Mitch J. Marmande  
Cc: Regina Staten; Karl Morgan; Antoinette DeBosier  
Subject: FW: twin pipelines EUA

Jerome,

We heard back from Mitch, and we should have the additional information that we requested from him sometime today.

Sara

---

From: Mitch J. Marmande [Mitch.Marmande@tbsmith.com]  
Sent: Monday, June 21, 2010 9:00 AM  
To: Sara Krupa  
Subject: Re: twin pipelines EUA

We will have something out today.

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

From: Sara Krupa <Sara.Krupa@LA.GOV>  
To: Jerome Zeringue <Jerome.Zeringue@LA.GOV>  
Cc: Mitch J. Marmande; Karl Morgan <Karl.Morgan@LA.GOV>; Regina Staten <Regina.Staten@LA.GOV>; Antoinette DeBosier <Antoinette.DeBosier@LA.GOV>  
Sent: Mon Jun 21 08:56:02 2010  
Subject: FW: twin pipelines EUA

Zee,

Good morning.

Just following up on the twin pipeline project - do you have any updates on this one?

Thanks,

Sara

---

From: Jerome Zeringue  
Sent: Friday, June 18, 2010 1:18 PM  
To: Harmon Brown III  
Cc: Antoinette DeBosier; Sara Krupa  
Subject: RE: twin pipelines EUA

Hey Harmon,

Thanks for checking and I asked Mitch Marmande the consultant for the Parish to prepare responses to the issues the agencies raised. I will let you know as soon as I hear from him.

Thanks

Jerome Zeringue  
Deputy Director  
[cid:image001.jpg@01CB0EE8.DF17EDC0]  
450 Laurel Street, Baton Rouge, LA 70801  
[REDACTED] (Phone)  
[REDACTED] (Fax)  
[REDACTED] (Email)

From: Harmon Brown III  
Sent: Friday, June 18, 2010 11:30 AM  
To: Jerome Zeringue  
Cc: Antoinette DeBosier; Sara Krupa  
Subject: FW: twin pipelines EUA

Mr. Zeringue,

This is the response I received from Karl Morgan regarding the progress of the twin pipelines EUA.

Harmon

---

From: Karl Morgan  
Sent: Friday, June 18, 2010 11:28 AM  
To: Harmon Brown III; Christine Charrier  
Cc: Sara Krupa; Antoinette DeBosier; 'Farabee, Michael V MVN'  
Subject: RE: twin pipelines EUA

Harmon,

We have received no information since the reply from Jerome to me on June 8th below.

Karl,

The Twin pipeline project is not part of the Terrebonne East bank project previously submitted. The Parish consultant is preparing responses to your questions regarding the Terrebonne EB project and as soon as I get that information I will forward that to you and the Corps.



From: Harmon Brown III  
Sent: Friday, June 18, 2010 11:12 AM  
To: Christine Charrier; Karl Morgan  
Cc: Sara Krupa; Antoinette DeBosier  
Subject: FW: twin pipelines EUA

We just got a request for an update on the twin pipelines project from Jerome Zeringue. Can you let us know where this stands so we can try to move it along?

Thanks,

Harmon

---

From: Jerome Zeringue  
Sent: Friday, June 18, 2010 11:05 AM  
To: 'Mitch J. Marmande'  
Cc: Harmon Brown III; Antoinette DeBosier  
Subject: RE: twin pipelines EUA  
Any updates?

Jerome Zeringue  
Deputy Director  
[cid:image001.jpg@01CB0EE8.DF17EDC0]  
450 Laurel Street, Baton Rouge, LA 70801  
[REDACTED] (Phone)  
[REDACTED] (Fax)  
[REDACTED] (Email)

From: Mitch J. Marmande [mailto:[REDACTED]]  
Sent: Tuesday, June 15, 2010 5:56 PM  
To: Jerome Zeringue  
Subject: Re: twin pipelines EUA

Will address. Thanks

---

From: Jerome Zeringue <[REDACTED]>  
To: Mitch J. Marmande  
Cc: 'Reggie Dupre' <[REDACTED]>; 'Charlotte A. Randolph' <[REDACTED]>; Michel Claudet <[REDACTED]>; 'Earl Eues' <[REDACTED]>  
Sent: Tue Jun 15 17:25:16 2010  
Subject: FW: twin pipelines EUA  
Update on the Twin Pipeline Project

Mitch,

I presented the information you had provided and the agencies are asking for a bit more information as indicated below. Considering the fact that there are numerous openings, the beginning and ending point of each area of excavation and fill may be time consuming or was this information acquired during the site visit?

Jerome Zeringue  
Deputy Director  
[cid:image001.jpg@01CB0EE8.DF17EDC0]  
450 Laurel Street, Baton Rouge, LA 70801

[REDACTED] (Phone)

[REDACTED] (Fax)

[REDACTED] (Email)

From: Harmon Brown III  
Sent: Tuesday, June 15, 2010 5:08 PM  
To: Jerome Zeringue  
Subject: twin pipelines EUA

Jerome,

I am sending you this email on behalf of Toni DeBosier with regards to the twin pipelines canal EUA. The following information is what is needed to expedite the processing of this EUA:

The latitude/longitude (degrees-minutes-seconds NAD83) for the point of beginning and point of ending for the excavation and fill.

Graphic representation on the plan view of where the excavation will occur.

The access routes

The current height of the existing spoil bank

The dimensions of the borrow canal (both width and depth) - a numerical range would be okay, the word "varies" would not be okay

Please explain what "fuel supply" is in the equipment to be used.

The timely return of this information will allow the EUA to be processed as quickly as possible.

Thank you,

Harmon

## **Quebedeaux, Bobby D MVN**

---

**From:** Karl Morgan [Karl.Morgan@LA.GOV]  
**Sent:** Tuesday, June 29, 2010 1:52 PM  
**To:** 'Marc J. Rogers'; Jerome Zeringue; Karl Leonards (DNR)  
**Cc:** Regina Staten; Kirk Kilgen; Rod Pierce; Quebedeaux, Bobby D MVN; Stephen Chustz (DNR); Louis Buatt; Windell Curole; Mitch J. Marmande; Reggie Dupre; Duke, Ronnie W MVN  
**Subject:** RE: EUA - 10 - 063 Twin Pipelines

Marc,

The section you reference A-A is the typical cross section. We need a plat that shows at which locations the dragline will be operating and which locations the marsh buggy will be used. We also need to see the access routes of each piece of equipment to each location where that particular equipment will be working.

Can you specify where the booms will be used and how will they be secured?

We are working on authorization for temporary measures that can be quickly implemented with minimal impact.

Karl Morgan  
[REDACTED]

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

**From:** Marc J. Rogers [mailto:Marc.Rogers@tbsmith.com]  
**Sent:** Tuesday, June 29, 2010 7:27 AM  
**To:** Karl Morgan; Jerome Zeringue; Karl Leonards (DNR)  
**Cc:** Regina Staten; Kirk Kilgen; Rod Pierce; 'bobby.d.quebedeaux@usace.army.mil'; Stephen Chustz (DNR); Louis Buatt; Windell Curole; Mitch J. Marmande; Reggie Dupre  
**Subject:** RE: EUA - 10 - 063 Twin Pipelines

I reviewed the drawing that were sent out from this office by Mitch Marmande. The marsh buggy dragline will work on the 50' berm (section A-A). The borrow site is to the south and the spoil will be placed on the southern most spoil bank. Where gaps cannot be contained with dredged material booms will be used to bridge the gap.

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

**From:** Karl Morgan [mailto:Karl.Morgan@LA.GOV]  
**Sent:** Monday, June 28, 2010 5:21 PM  
**To:** Jerome Zeringue; Karl Leonards (DNR); Marc J. Rogers  
**Cc:** Regina Staten; Kirk Kilgen; Rod Pierce; 'bobby.d.quebedeaux@usace.army.mil'; Stephen Chustz (DNR); Louis Buatt  
**Subject:** RE: EUA - 10 - 063 Twin Pipelines

Jerome,

We are still waiting for answer to the question about specifically where will the drag line be used and specifically where will the marsh buggy be used. We need plats that show the route each type equipment will access each work site.

We are trying to get an understanding of the impacts and scale of this activity.

---

From: Jerome Zeringue  
Sent: Monday, June 28, 2010 5:16 PM  
To: Karl Leonards (DNR); 'Marc J. Rogers'  
Cc: Karl Morgan; Regina Staten; Kirk Kilgen; Rod Pierce; 'bobby.d.quebedeaux@usace.army.mil'; Stephen Chustz (DNR); Louis Buatt  
Subject: RE: EUA - 10 - 063 Twin Pipelines

Karl,  
Mitch is out and Marc Rogers with T-Baker offered the following:

1) Ms DeBosier's idea of excavating from the north and south spoil banks from the interior spoil bank is in theory good but it is not considered constructable because the interior spoil bank cannot support equipment large enough to perform the work and it is not wide enough to prevent sloughing (bank failure), 2) Crossing pipelines is required no matter what type of equipment is used. Using marsh buggy equipment is much less of a risk than heavier dragline equipment and will be more receptive to pipeline operators, 3) the mobilization cost of buggy equipment will be much less and is a more accepted practice given the conditions, 4) Marsh buggy excavator/dragline equipment will not require the use of mats and job site accessibility is greater.

Karl,  
This request has been in the works for several weeks and Parish President's Randolph and Claudet are concerned that this has taken too long and needs to be resolved soon. Please let me know what needs to be done to complete the EUA request.

Thank you

Jerome Zeringue  
Deputy Director  
[\[cid:image001.jpg@01CB16E5.BF9647D0\]](#)  
450 Laurel Street, Baton Rouge, LA 70801  
[REDACTED] (Phone)  
[REDACTED] (Fax)  
[REDACTED] (Email)

From: Karl Leonards (DNR)  
Sent: Monday, June 28, 2010 3:16 PM  
To: 'Mitch.Marmande@tbsmith.com'  
Cc: Karl Morgan; Jerome Zeringue; Regina Staten; Kirk Kilgen; Rod Pierce; 'bobby.d.quebedeaux@usace.army.mil'  
Subject: EUA - 10 - 063 Twin Pipelines

Mr. Marmande,

Have the applicants considered excavating the other spoil banks in order to create the plugs for the southern spoil bank? Please consider this option, in order to avoid existing pipelines, and provide a justification for not using the existing spoil banks for fill.

## **Quebedeaux, Bobby D MVN**

---

**From:** Kirk Kilgen [Kirk.Kilgen@LA.GOV]  
**Sent:** Tuesday, June 29, 2010 1:45 PM  
**To:** Marc J. Rogers; Karl Morgan; Jerome Zeringue; Karl Leonards (DNR)  
**Cc:** Regina Staten; Rod Pierce; Quebedeaux, Bobby D MVN; Stephen Chustz (DNR); Louis Buatt; Windell Curole; Mitch J. Marmande; Reggie Dupre; Tim Killeen  
**Subject:** RE: EUA - 10 - 063 Twin Pipelines

Rod Pierce & I have not been sent any drawings that were submitted. The only thing we have seen is the aerial photograph.

Thanks

---

**From:** Marc J. Rogers [Marc.Rogers@tbsmith.com]  
**Sent:** Tuesday, June 29, 2010 7:27 AM  
**To:** Karl Morgan; Jerome Zeringue; Karl Leonards (DNR)  
**Cc:** Regina Staten; Kirk Kilgen; Rod Pierce; 'bobby.d.quebedeaux@usace.army.mil'; Stephen Chustz (DNR); Louis Buatt; Windell Curole; Mitch J. Marmande; Reggie Dupre  
**Subject:** RE: EUA - 10 - 063 Twin Pipelines

I reviewed the drawing that were sent out from this office by Mitch Marmande. The marsh buggy dragline will work on the 50' berm (section A-A). The borrow site is to the south and the spoil will be placed on the southern most spoil bank. Where gaps cannot be contained with dredged material booms will be used to bridge the gap.

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

**From:** Karl Morgan [mailto:Karl.Morgan@LA.GOV]  
**Sent:** Monday, June 28, 2010 5:21 PM  
**To:** Jerome Zeringue; Karl Leonards (DNR); Marc J. Rogers  
**Cc:** Regina Staten; Kirk Kilgen; Rod Pierce; 'bobby.d.quebedeaux@usace.army.mil'; Stephen Chustz (DNR); Louis Buatt  
**Subject:** RE: EUA - 10 - 063 Twin Pipelines

Jerome,

We are still waiting for answer to the question about specifically where will the drag line be used and specifically where will the marsh buggy be used. We need plats that show the route each type equipment will access each work site.

We are trying to get an understanding of the impacts and scale of this activity.

---

**From:** Jerome Zeringue  
**Sent:** Monday, June 28, 2010 5:16 PM  
**To:** Karl Leonards (DNR); 'Marc J. Rogers'  
**Cc:** Karl Morgan; Regina Staten; Kirk Kilgen; Rod Pierce; 'bobby.d.quebedeaux@usace.army.mil'; Stephen Chustz (DNR); Louis Buatt  
**Subject:** RE: EUA - 10 - 063 Twin Pipelines

Karl ,

Mitch is out and Marc Rogers with T-Baker offered the following:

1) Ms DeBosier's idea of excavating from the north and south spoil banks from the interior spoil bank is in theory good but it is not considered constructable because the interior spoil bank cannot support equipment large enough to perform the work and it is not wide enough to prevent sloughing (bank failure), 2) Crossing pipelines is required no matter what type of equipment is used. Using marsh buggy equipment is much less of a risk than heavier dragline equipment and will be more receptive to pipeline operators, 3) the mobilization cost of buggy equipment will be much less and is a more accepted practice given the conditions, 4) Marsh buggy excavator/dragline equipment will not require the use of matts and job site accessibility is greater.

Karl,

This request has been in the works for several weeks and Parish President's Randolph and Claudet are concerned that this has taken too long and needs to be resolved soon. Please let me know what needs to be done to complete the EUA request.

Thank you

Jerome Zeringue  
Deputy Director  
[\[cid:image001.jpg@01CB16E5.BF9647D0\]](#)  
450 Laurel Street, Baton Rouge, LA 70801

(Phone)

(Fax)

(Email)

From: Karl Leonards (DNR)  
Sent: Monday, June 28, 2010 3:16 PM  
To: 'Mitch.Marmande@tbsmith.com'  
Cc: Karl Morgan; Jerome Zeringue; Regina Staten; Kirk Kilgen; Rod Pierce; 'bobby.d.quebedeaux@usace.army.mil'  
Subject: EUA - 10 - 063 Twin Pipelines

Mr. Marmande,

Have the applicants considered excavating the other spoil banks in order to create the plugs for the southern spoil bank? Please consider this option, in order to avoid existing pipelines, and provide a justification for not using the existing spoil banks for fill.

Thank you,

Karl Leonards  
LDNR - Office of Coastal Management

## Quebedeaux, Bobby D MVN

---

**From:** Marc J. Rogers [Marc.Rogers@tbsmith.com]  
**Sent:** Tuesday, June 29, 2010 7:27 AM  
**To:** Karl Morgan; Jerome Zeringue; Karl Leonards (DNR)  
**Cc:** Regina Staten; Kirk Kilgen; Rod Pierce; Quebedeaux, Bobby D MVN; Stephen Chustz (DNR); Louis Buatt; Windell Curole; Mitch J. Marmande; Reggie Dupre  
**Subject:** RE: EUA - 10 - 063 Twin Pipelines

I reviewed the drawing that were sent out from this office by Mitch Marmande. The marsh buggy dragline will work on the 50' berm (section A-A). The borrow site is to the south and the spoil will be placed on the southern most spoil bank. Where gaps cannot be contained with dredged material booms will be used to bridge the gap.

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

**From:** Karl Morgan [mailto:Karl.Morgan@LA.GOV]  
**Sent:** Monday, June 28, 2010 5:21 PM  
**To:** Jerome Zeringue; Karl Leonards (DNR); Marc J. Rogers  
**Cc:** Regina Staten; Kirk Kilgen; Rod Pierce; 'bobby.d.quebedeaux@usace.army.mil'; Stephen Chustz (DNR); Louis Buatt  
**Subject:** RE: EUA - 10 - 063 Twin Pipelines

Jerome,

We are still waiting for answer to the question about specifically where will the drag line be used and specifically where will the marsh buggy be used. We need plats that show the route each type equipment will access each work site.

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**Cc:** Karl Morgan; Regina Staten; Kirk Kilgen; Rod Pierce; 'bobby.d.quebedeaux@usace.army.mil'; Stephen Chustz (DNR); Louis Buatt  
**Subject:** RE: EUA - 10 - 063 Twin Pipelines

Karl,  
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1) Ms DeBosier's idea of excavating from the north and south spoil banks from the interior spoil bank is in theory good but it is not considered constructable because the interior spoil bank cannot support equipment large enough to perform the work and it is not wide enough to prevent sloughing (bank failure), 2) Crossing pipelines is required no matter what type of equipment is used. Using marsh buggy equipment is much less of a risk than heavier dragline equipment and will be more receptive to pipeline operators, 3) the mobilization cost of buggy equipment will be much less and is a more accepted practice given the conditions, 4) Marsh buggy excavator/dragline equipment will not require the use of matts and job site accessibility is greater.

Karl,

This request has been in the works for several weeks and Parish President's Randolph and Claudet are concerned that this has taken too long and needs to be resolved soon. Please let me know what needs to be done to complete the EUA request.

Thank you

Jerome Zeringue  
Deputy Director

[cid:image001.jpg@01CB16E5.BF9647D0]  
450 Laurel Street, Baton Rouge, LA 70801

[REDACTED] (Phone)

[REDACTED] (Fax)

[REDACTED] > (Email)

From: Karl Leonards (DNR)

Sent: Monday, June 28, 2010 3:16 PM

To: 'Mitch.Marmande@tbsmith.com'

Cc: Karl Morgan; Jerome Zeringue; Regina Staten; Kirk Kilgen; Rod Pierce;

'bobby.d.quebedeaux@usace.army.mil'

Subject: EUA - 10 - 063 Twin Pipelines

Mr. Marmande,

Have the applicants considered excavating the other spoil banks in order to create the plugs for the southern spoil bank? Please consider this option, in order to avoid existing pipelines, and provide a justification for not using the existing spoil banks for fill.

Thank you,

Karl Leonards

LDNR - Office of Coastal Management  
[REDACTED]



## Quebedeaux, Bobby D MVN

---

**From:** Karl Morgan [Karl.Morgan@LA.GOV]  
**Sent:** Monday, June 28, 2010 5:21 PM  
**To:** Jerome Zeringue; Karl Leonards (DNR); 'Marc J. Rogers'  
**Cc:** Regina Staten; Kirk Kilgen; Rod Pierce; Quebedeaux, Bobby D MVN; Stephen Chustz (DNR); Louis Buatt  
**Subject:** RE: EUA - 10 - 063 Twin Pipelines

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**Sent:** Monday, June 28, 2010 5:16 PM  
**To:** Karl Leonards (DNR); 'Marc J. Rogers'  
**Cc:** Karl Morgan; Regina Staten; Kirk Kilgen; Rod Pierce; 'bobby.d.quebedeaux@usace.army.mil'; Stephen Chustz (DNR); Louis Buatt  
**Subject:** RE: EUA - 10 - 063 Twin Pipelines

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Karl,  
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Thank you

Jerome Zeringue  
Deputy Director  
[\[cid:image001.jpg@01CB16E5.BF9647D0\]](#)  
450 Laurel Street, Baton Rouge, LA 70801  
[REDACTED] (Phone)  
[REDACTED] (Fax)  
[REDACTED] (Email)

From: Karl Leonards (DNR)  
Sent: Monday, June 28, 2010 3:16 PM  
To: 'Mitch.Marmande@tbsmith.com'  
Cc: Karl Morgan; Jerome Zeringue; Regina Staten; Kirk Kilgen; Rod Pierce;  
'bobby.d.quebedeaux@usace.army.mil'  
Subject: EUA - 10 - 063 Twin Pipelines

Mr. Marmande,

Have the applicants considered excavating the other spoil banks in order to create the plugs for the southern spoil bank? Please consider this option, in order to avoid existing pipelines, and provide a justification for not using the existing spoil banks for fill.

Thank you,

Karl Leonards  
LDNR – Office of Coastal Management  
[REDACTED]

## Quebedeaux, Bobby D MVN

---

**From:** Karl Morgan [Karl.Morgan@LA.GOV]  
**Sent:** Monday, June 28, 2010 3:30 PM  
**To:** Karl Leonards (DNR); 'Mitch.Marmande@tbsmith.com'  
**Cc:** Jerome Zeringue; Regina Staten; Kirk Kilgen; Rod Pierce; Quebedeaux, Bobby D MVN  
**Subject:** RE: EUA - 10 - 063 Twin Pipelines

Just to be clear, the alternative suggestion is to excavate the other spoil banks down to marsh level and use that material to plug the gaps in the southern spoil bank. If this is not feasible, an explanation of why this is not feasible will be required.

**From:** Karl Leonards (DNR)  
**Sent:** Monday, June 28, 2010 3:16 PM  
**To:** 'Mitch.Marmande@tbsmith.com'  
**Cc:** Karl Morgan; Jerome Zeringue; Regina Staten; Kirk Kilgen; Rod Pierce; 'bobby.d.quebedeaux@usace.army.mil'  
**Subject:** EUA - 10 - 063 Twin Pipelines

Mr. Marmande,

Have the applicants considered excavating the other spoil banks in order to create the plugs for the southern spoil bank? Please consider this option, in order to avoid existing pipelines, and provide a justification for not using the existing spoil banks for fill.

Thank you,

Karl Leonards

LDNR – Office of Coastal Management

██████████

## Quebedeaux, Bobby D MVN

---

**From:** Jerome Zeringue [Jerome.Zeringue@LA.GOV]  
**Sent:** Monday, June 28, 2010 5:16 PM  
**To:** Karl Leonards (DNR); 'Marc J. Rogers'  
**Cc:** Karl Morgan; Regina Staten; Kirk Kilgen; Rod Pierce; Quebedeaux, Bobby D MVN; Stephen Chustz (DNR); Louis Buatt  
**Subject:** RE: EUA - 10 - 063 Twin Pipelines  
**Importance:** High

Karl ,

Mitch is out and Marc Rogers with T-Baker offered the following:

1) Ms DeBosier's idea of excavating from the north and south spoil banks from the interior spoil bank is in theory good but it is not considered constructable because the interior spoil bank cannot support equipment large enough to perform the work and it is not wide enough to prevent sloughing (bank failure), 2) Crossing pipelines is required no matter what type of equipment is used. Using marsh buggy equipment is much less of a risk than heavier dragline equipment and will be more receptive to pipeline operators, 3) the mobilization cost of buggy equipment will be much less and is a more accepted practice given the conditions, 4) Marsh buggy excavator/dragline equipment will not require the use of mats and job site accessibility is greater.

Karl,

This request has been in the works for several weeks and Parish President's Randolph and Claudet are concerned that this has taken too long and needs to be resolved soon. Please let me know what needs to be done to complete the EUA request.

Thank you

Jerome Zeringue

Deputy Director

clip\_image001

450 Laurel Street, Baton Rouge, LA 70801

██████████ (Phone)

██████████ (Fax)

[REDACTED] (Email)

From: Karl Leonards (DNR)  
Sent: Monday, June 28, 2010 3:16 PM  
To: 'Mitch.Marmande@tbsmith.com'  
Cc: Karl Morgan; Jerome Zeringue; Regina Staten; Kirk Kilgen; Rod Pierce;  
'bobby.d.quebedeaux@usace.army.mil'  
Subject: EUA - 10 - 063 Twin Pipelines

Mr. Marmande,

Have the applicants considered excavating the other spoil banks in order to create the plugs for the southern spoil bank? Please consider this option, in order to avoid existing pipelines, and provide a justification for not using the existing spoil banks for fill.

Thank you,

Karl Leonards

LDNR – Office of Coastal Management  
[REDACTED]

## Quebedeaux, Bobby D MVN

---

**From:** Karl Leonards (DNR) [Karl.Leonards@LA.GOV]  
**Sent:** Monday, June 28, 2010 2:33 PM  
**To:** Quebedeaux, Bobby D MVN  
**Subject:** FW: twin pipelines EUA

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

From: Mitch J. Marmande [mailto:Mitch.Marmande@tbsmith.com]  
Sent: Wednesday, June 23, 2010 5:11 PM  
To: Karl Leonards (DNR)  
Cc: Karl Morgan; Regina Staten  
Subject: Re: twin pipelines EUA

In response to questions I will respond based on your numbering.

1. It is the opinion of the applicant that fabric would not hold up in this environment. To secure fabric in these conditions it would take significant reinforcement. We feel earthen in situ plugs are cheap and effective. Plugs can be removed at anytime if deemed necessary.
2. The twin pipeline canals have essentially three spoil banks that are relatively in tact over the sixteen mile alignment currently. These spoil bank were built with in situ material. The applicant is confident that a temporary plug would suffice as a barrier against oil while the threat of oil intrusion exists. The erosion that has caused failure in these spoils banks has occurred over many years while our barrier needs only to last for the short term.
3. Approximately +3 NAVD which matches the existing grade.

If you need additional information please do not hesitate to contact me.

Mitch

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

From: Karl Leonards (DNR) <Karl.Leonards@LA.GOV>  
To: Mitch J. Marmande  
Cc: Karl Morgan <Karl.Morgan@LA.GOV>; Regina Staten <Regina.Staten@LA.GOV>  
Sent: Wed Jun 23 16:45:06 2010  
Subject: FW: twin pipelines EUA

Mr. Marmande,

Please send your responses to these three questions to Ms. Regina Staten.

Thank you,

Karl Leonards

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

From: Karl Leonards (DNR)  
Sent: Wednesday, June 23, 2010 4:10 PM  
To: 'Mitch.Marmande@tbsmith.com'  
Cc: Karl Morgan; Rod Pierce; Kirk Kilgen; 'Michael.V.Farabee@usace.army.mil'  
Subject: twin pipelines EUA

Mr. Marmande,

I have three questions that need to be addressed:

- 1) Have the applicant's considered using a geo-textile fabric, as an alternative to excavating native material and using it as fill, to provide protection for the twin pipeline area in Terrebonne and Lafourche? What prevents the use of this textile material?
- 2) What information/evidence do you have to show that the excavated material will stack? Please provide this information.
- 3) In addition, what is the final maximum height of the proposed spoil?

Thank you,

Karl Leonards  
LDNR - Office of Coastal Management  


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

From: Mitch J. Marmande [mailto: Mitch.Marmande@tbsmith.com]  
Sent: Tuesday, June 22, 2010 8:29 PM  
To: Karl Morgan  
Subject: Re: twin pipelines EUA

The co applicants are Terrebonne Levee and Conservation District and South Lafourche Levee District. TLCD's address is 220 A cleandening Rd, Houma, LA 70363. SLLD's address is 17904 hwy 3235, Galliano, LA, 70354.

Mitch

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

From: Karl Morgan <Karl.Morgan@LA.GOV>  
To: Mitch J. Marmande  
Sent: Tue Jun 22 16:59:16 2010  
Subject: FW: twin pipelines EUA

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

From: Karl Morgan  
Sent: Tuesday, June 22, 2010 4:58 PM

To: Jerome Zeringue; 'mitch.marmande@tbs.com'  
Subject: FW: twin pipelines EUA

Can you help with Karl's request below?

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

From: Karl Leonards (DNR)  
Sent: Tuesday, June 22, 2010 4:38 PM  
To: Karl Morgan  
Subject: RE: twin pipelines EUA

Karl,

I need the applicant contact and address for EUA - 10 - 063 - Twin Pipelines. Right now I have the applicant as Terrebonne Parish.



## Quebedeaux, Bobby D MVN

---

**From:** Karl Leonards (DNR) [Karl.Leonards@LA.GOV]  
**Sent:** Monday, June 28, 2010 2:32 PM  
**To:** Quebedeaux, Bobby D MVN  
**Subject:** FW: EUA - 10 - 063  
**Attachments:** EUA-10-063.doc

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

**From:** Butler, Dave [mailto:dbutler@wlf.la.gov]  
**Sent:** Wednesday, June 23, 2010 3:12 PM  
**To:** Karl Leonards (DNR)  
**Subject:** RE: EUA - 10 - 063

Karl,  
Here is the Word file on this EUA. Check the fax machine, the signed copy is there.

Thanks,

Dave Butler  
Louisiana Department of Wildlife and Fisheries Permits Coordinator P.O. Box 98000 2000 Quail Drive Room  
467 Baton Rouge, LA 70898 Phone# [REDACTED] Fax# [REDACTED]

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

**From:** Karl Leonards (DNR) [mailto:Karl.Leonards@LA.GOV]  
**Sent:** Wednesday, June 23, 2010 1:05 PM  
**To:** Butler, Dave; Balkum, Kyle; Davis, Chris (F&R); Weigel, Matthew; Kenneth Bahlinger; Andrew Beall; Brad Miller  
**Cc:** Karl Morgan; Kirk Kilgen; Rod Pierce  
**Subject:** FW: EUA - 10 - 063

Please provide comments for EUA - 10 - 063. The applicant proposes to fill numerous breaks in the levee to protect wetlands in both Terrebonne and Lafourche Parishes. Borrow areas will be located south of the existing spoil bank along the broken areas. Fill and borrow areas are identified on the plats labeled, "Phase I - Montegut to Isle Jean Charles", "Phase II - Isle Jean Charles to Bayou Point Aux Chenes", "Phase III - Bayou Point Aux Chenes to Catfish Lake", and "Phase IV - Catfish Lake to Golden Meadow". Approximate dredging depths will not exceed 5' in depth and will be approximately 75' in width with a 4 to 1 side slopes on either end of the borrow ditch. The average depth will be approximately 3'. Approximately 175,000 cubic yards of native material will be excavated and used as fill. No additional dredge or fill is required.

### LOCATION:

Phase I-Montegut to Isle Jean Charles  
(A) Lat. 29° 25' 18.48"N, Long. 90° 33' 10.17"W  
(P) Lat. 29° 24' 23.78"N, Long. 90° 29' 36.84"W

### FEATURES

OCR P TE-10, TE-6

Phase II-Isle Jean Charles to Bayou Point Aux Chenes

(A) Lat. 29° 24' 19.62"N, Long. 90° 29' 19.80"W      OCRP TE-10, TE-6  
(X) Lat. 29° 23' 33.11"N, Long. 90° 23' 49.20"W      OCRP Veg Plantings

Phase III-Bayou Point Aux Chenes to Catfish Lake

(1) Lat. 29° 23' 27.72"N, Long. 90° 23' 05.95"W      OCRP Veg Plantings  
(BB) Lat. 29° 21' 34.36"N, Long. 90° 18' 28.33"W      LNHP 090912

Phase IV-Catfish Lake to Golden Meadow

(A) Lat. 29° 21' 26.98"N, Long. 90° 18' 13.74"W      LNHP 090912  
(V) Lat. 29° 19' 49.74"N, Long. 90° 14' 50.42"W

If you need additional information, please contact me. I will be forwarding an addition email concerning this project.

Please provide comments asap.

Thank you,

Karl Leonards  
LDNR - Office of Coastal Management  
[REDACTED]

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

From: Mitch J. Marmande [mailto: Mitch.Marmande@tbsmith.com]  
Sent: Monday, June 21, 2010 5:56 PM  
To: Sara Krupa; Jerome Zeringue  
Cc: Regina Staten; Karl Morgan; Antoinette DeBosier  
Subject: RE: twin pipelines EUA

Sara,

In response to the email from Harmon Brown, I have prepared the attached maps to detail the exact locations of the fill and excavation areas. Contained on this plan view is a table which references by number the location of the fill areas (beginning and end points) and by letter the excavation areas (beginning and end points).

There are many access points as one travels west to east and labeled on the original submittal: Humble Canal, Oilfield Canals, Island Road, Highway 665, Bayou Point Aux Chenes, Bayou Jean Charles, Several Canals, Grand Bayou, Catfish Lake, Bay Sevin, Laurier Bayou and finally Highway 1. As you can see by the waterways listed above, there is no shortage of ways to transport people and supplies to the equipment and troublesome areas.

The current height of the spoil varies from location to location but the majority of the spoil bank is +2-+3 NAVD; however, a centerline profile has not been run throughout the entire length.

During our investigations, we feel that by providing a "no dredging" distance of 50 from the toe of the fill area to the beginning of the borrow area would be sufficient for stability. The dredging depths would not exceed 5 foot in depth and will be approximately 75 feet in width with 4 to 1 side slopes on either end of the borrow ditch. The average depths of borrow will be approximately 3 feet.

The draglines and marsh buggy excavators shall use diesel fuel and as mentioned before are easily accessed through the many local waterways.

Please do not hesitate to contact me with any further questions.

Mitch Marmande

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

From: Sara Krupa [mailto:Sara.Krupa@LA.GOV]  
Sent: Monday, June 21, 2010 10:43 AM  
To: Jerome Zeringue; Mitch J. Marmande  
Cc: Regina Staten; Karl Morgan; Antoinette DeBosier  
Subject: FW: twin pipelines EUA

Jerome,

We heard back from Mitch, and we should have the additional information that we requested from him sometime today.

Sara

---

From: Mitch J. Marmande [Mitch.Marmande@tbsmith.com]  
Sent: Monday, June 21, 2010 9:00 AM  
To: Sara Krupa  
Subject: Re: twin pipelines EUA

We will have something out today.

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

From: Sara Krupa <Sara.Krupa@LA.GOV>  
To: Jerome Zeringue <Jerome.Zeringue@LA.GOV>  
Cc: Mitch J. Marmande; Karl Morgan <Karl.Morgan@LA.GOV>; Regina Staten <Regina.Staten@LA.GOV>; Antoinette DeBosier <Antoinette.DeBosier@LA.GOV>  
Sent: Mon Jun 21 08:56:02 2010  
Subject: FW: twin pipelines EUA

Zee,

Good morning.

Just following up on the twin pipeline project - do you have any updates on this one?

Thanks,

Sara

---

From: Jerome Zeringue  
Sent: Friday, June 18, 2010 1:18 PM  
To: Harmon Brown III  
Cc: Antoinette DeBosier; Sara Krupa  
Subject: RE: twin pipelines EUA  
Hey Harmon,

Thanks for checking and I asked Mitch Marmande the consultant for the Parish to prepare responses to the issues the agencies raised. I will let you know as soon as I hear from him.

Thanks

Jerome Zeringue

Deputy Director

[cid:image001.jpg@01CB0EE8.DF17EDC0]

450 Laurel Street, Baton Rouge, LA 70801

(Phone)

(Fax)

> (Email)

From: Harmon Brown III

Sent: Friday, June 18, 2010 11:30 AM

To: Jerome Zeringue

Cc: Antoinette DeBosier; Sara Krupa

Subject: FW: twin pipelines EUA

Mr. Zeringue,

This is the response I received from Karl Morgan regarding the progress of the twin pipelines EUA.

Harmon

---

From: Karl Morgan

Sent: Friday, June 18, 2010 11:28 AM

To: Harmon Brown III; Christine Charrier

Cc: Sara Krupa; Antoinette DeBosier; 'Farabee, Michael V MVN'

Subject: RE: twin pipelines EUA

Harmon,

We have received no information since the reply from Jerome to me on June 8th below.

Karl,

The Twin pipeline project is not part of the Terrebonne East bank project previously submitted. The Parish consultant is preparing responses to your questions regarding the Terrebonne EB project and as soon as I get that information I will forward that to you and the Corps.

From: Harmon Brown III

Sent: Friday, June 18, 2010 11:12 AM

To: Christine Charrier; Karl Morgan

Cc: Sara Krupa; Antoinette DeBosier

Subject: FW: twin pipelines EUA

We just got a request for an update on the twin pipelines project from Jerome Zeringue. Can you let us know where this stands so we can try to move it along?

Thanks,

Harmon

---

From: Jerome Zeringue  
Sent: Friday, June 18, 2010 11:05 AM  
To: 'Mitch J. Marmande'  
Cc: Harmon Brown III; Antoinette DeBosier  
Subject: RE: twin pipelines EUA  
Any updates?

Jerome Zeringue  
Deputy Director  
[cid:image001.jpg@01CB0EE8.DF17EDC0]  
450 Laurel Street, Baton Rouge, LA 70801  
[REDACTED] (Phone)  
[REDACTED] (Fax)  
[REDACTED] > (Email)

From: Mitch J. Marmande [mailto:Mitch.Marmande@tbsmith.com]  
Sent: Tuesday, June 15, 2010 5:56 PM  
To: Jerome Zeringue  
Subject: Re: twin pipelines EUA

Will address. Thanks

---

From: Jerome Zeringue <Jerome.Zeringue@LA.GOV>  
To: Mitch J. Marmande  
Cc: 'Reggie Dupre' <rdupre@tlcd.org>; 'Charlotte A. Randolph' <RandolphCA@lafourchegov.org>; Michel Claudet <mhclaudet@tpcg.org>; 'Earl Eues' <eeues@tpcg.org>  
Sent: Tue Jun 15 17:25:16 2010  
Subject: FW: twin pipelines EUA  
Update on the Twin Pipeline Project

Mitch,

I presented the information you had provided and the agencies are asking for a bit more information as indicated below. Considering the fact that there are numerous openings, the beginning and ending point of each area of excavation and fill may be time consuming or was this information acquired during the site visit?

Jerome Zeringue  
Deputy Director  
[cid:image001.jpg@01CB0EE8.DF17EDC0]  
450 Laurel Street, Baton Rouge, LA 70801  
[REDACTED] (Phone)  
[REDACTED] (Fax)  
[REDACTED] > (Email)

From: Harmon Brown III  
Sent: Tuesday, June 15, 2010 5:08 PM  
To: Jerome Zeringue

Subject: twin pipelines EUA

Jerome,

I am sending you this email on behalf of Toni DeBosier with regards to the twin pipelines canal EUA. The following information is what is needed to expedite the processing of this EUA:

The latitude/longitude (degrees-minutes-seconds NAD83) for the point of beginning and point of ending for the excavation and fill.

Graphic representation on the plan view of where the excavation will occur.

The access routes

The current height of the existing spoil bank

The dimensions of the borrow canal (both width and depth) - a numerical range would be okay, the word "varies" would not be okay

Please explain what "fuel supply" is in the equipment to be used.

The timely return of this information will allow the EUA to be processed as quickly as possible.

Thank you,

Harmon

## Quebedeaux, Bobby D MVN

---

**From:** Karl Leonards (DNR) [Karl.Leonards@LA.GOV]  
**Sent:** Monday, June 28, 2010 2:32 PM  
**To:** Quebedeaux, Bobby D MVN  
**Subject:** FW: EUA - 10 - 063  
**Attachments:** pipeline est to golden meadow.pdf

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

**From:** Karl Leonards (DNR)  
**Sent:** Wednesday, June 23, 2010 1:05 PM  
**To:** 'Butler, Dave'; 'kbalkum@wlf.la.gov'; 'rcdavis@wlf.la.gov'; 'mweigel@wlf.la.gov'; Kenneth Bahlinger; Andrew Beall; Brad Miller  
**Cc:** Karl Morgan; Kirk Kilgen; Rod Pierce  
**Subject:** FW: EUA - 10 - 063

Please provide comments for EUA - 10 - 063. The applicant proposes to fill numerous breaks in the levee to protect wetlands in both Terrebonne and Lafourche Parishes. Borrow areas will be located south of the existing spoil bank along the broken areas. Fill and borrow areas are identified on the plats labeled, "Phase I - Montegut to Isle Jean Charles", "Phase II - Isle Jean Charles to Bayou Point Aux Chenes", "Phase III - Bayou Point Aux Chenes to Catfish Lake", and "Phase IV - Catfish Lake to Golden Meadow". Approximate dredging depths will not exceed 5' in depth and will be approximately 75' in width with a 4 to 1 side slopes on either end of the borrow ditch. The average depth will be approximately 3'. Approximately 175,000 cubic yards of native material will be excavated and used as fill. No additional dredge or fill is required.

LOCATION:	FEATURES
Phase I-Montegut to Isle Jean Charles (A) Lat. 29° 25' 18.48"N, Long. 90° 33' 10.17"W (P) Lat. 29° 24' 23.78"N, Long. 90° 29' 36.84"W	OCRP TE-10, TE-6
Phase II-Isle Jean Charles to Bayou Point Aux Chenes (A) Lat. 29° 24' 19.62"N, Long. 90° 29' 19.80"W (X) Lat. 29° 23' 33.11"N, Long. 90° 23' 49.20"W	OCRP TE-10, TE-6 OCRP Veg Plantings
Phase III-Bayou Point Aux Chenes to Catfish Lake (1) Lat. 29° 23' 27.72"N, Long. 90° 23' 05.95"W (BB) Lat. 29° 21' 34.36"N, Long. 90° 18' 28.33"W	OCRP Veg Plantings LNHP 090912
Phase IV-Catfish Lake to Golden Meadow (A) Lat. 29° 21' 26.98"N, Long. 90° 18' 13.74"W (V) Lat. 29° 19' 49.74"N, Long. 90° 14' 50.42"W	LNHP 090912

If you need additional information, please contact me. I will be forwarding an addition email concerning this project.

Please provide comments asap.

Thank you,

Karl Leonards  
LDNR - Office of Coastal Management  
[REDACTED]

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

From: Mitch J. Marmande [mailto: Mitch.Marmande@tbsmith.com]  
Sent: Monday, June 21, 2010 5:56 PM  
To: Sara Krupa; Jerome Zeringue  
Cc: Regina Staten; Karl Morgan; Antoinette DeBosier  
Subject: RE: twin pipelines EUA

Sara,

In response to the email from Harmon Brown, I have prepared the attached maps to detail the exact locations of the fill and excavation areas. Contained on this plan view is a table which references by number the location of the fill areas (beginning and end points) and by letter the excavation areas (beginning and end points).

There are many access points as one travels west to east and labeled on the original submittal: Humble Canal, Oilfield Canals, Island Road, Highway 665, Bayou Point Aux Chenes, Bayou Jean Charles, Several Canals, Grand Bayou, Catfish Lake, Bay Sevin, Laurier Bayou and finally Highway 1. As you can see by the waterways listed above, there is no shortage of ways to transport people and supplies to the equipment and troublesome areas.

The current height of the spoil varies from location to location but the majority of the spoil bank is +2-+3 NAVD; however, a centerline profile has not been run throughout the entire length.

During our investigations, we feel that by providing a "no dredging" distance of 50 from the toe of the fill area to the beginning of the borrow area would be sufficient for stability. The dredging depths would not exceed 5 foot in depth and will be approximately 75 feet in width with 4 to 1 side slopes on either end of the borrow ditch. The average depths of borrow will be approximately 3 feet.

The draglines and marsh buggy excavators shall use diesel fuel and as mentioned before are easily accessed through the many local waterways.

Please do not hesitate to contact me with any further questions.

Mitch Marmande

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

From: Sara Krupa [mailto: Sara.Krupa@LA.GOV]  
Sent: Monday, June 21, 2010 10:43 AM  
To: Jerome Zeringue; Mitch J. Marmande  
Cc: Regina Staten; Karl Morgan; Antoinette DeBosier  
Subject: FW: twin pipelines EUA



Jerome,

We heard back from Mitch, and we should have the additional information that we requested from him sometime today.

Sara

---

From: Mitch J. Marmande [Mitch.Marmande@tbsmith.com]

Sent: Monday, June 21, 2010 9:00 AM

To: Sara Krupa

Subject: Re: twin pipelines EUA

We will have something out today.

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

From: Sara Krupa <Sara.Krupa@LA.GOV>

To: Jerome Zeringue <Jerome.Zeringue@LA.GOV>

Cc: Mitch J. Marmande; Karl Morgan <Karl.Morgan@LA.GOV>; Regina Staten <Regina.Staten@LA.GOV>;

Antoinette DeBosier <Antoinette.DeBosier@LA.GOV>

Sent: Mon Jun 21 08:56:02 2010

Subject: FW: twin pipelines EUA

Zee,

Good morning.

Just following up on the twin pipeline project - do you have any updates on this one?

Thanks,

Sara

---

From: Jerome Zeringue

Sent: Friday, June 18, 2010 1:18 PM

To: Harmon Brown III

Cc: Antoinette DeBosier; Sara Krupa

Subject: RE: twin pipelines EUA

Hey Harmon,

Thanks for checking and I asked Mitch Marmande the consultant for the Parish to prepare responses to the issues the agencies raised. I will let you know as soon as I hear from him.

Thanks

Jerome Zeringue

Deputy Director

[cid:image001.jpg@01CB0EE8.DF17EDC0]

450 Laurel Street, Baton Rouge, LA 70801

(Phone)

(Fax)

(Email)

---

From: Harmon Brown III

Sent: Friday, June 18, 2010 11:30 AM

To: Jerome Zeringue

Cc: Antoinette DeBosier; Sara Krupa

Subject: FW: twin pipelines EUA

Mr. Zeringue,

This is the response I received from Karl Morgan regarding the progress of the twin pipelines EUA.

Harmon

---

From: Karl Morgan  
Sent: Friday, June 18, 2010 11:28 AM  
To: Harmon Brown III; Christine Charrier  
Cc: Sara Krupa; Antoinette DeBosier; 'Farabee, Michael V MVN'  
Subject: RE: twin pipelines EUA

Harmon,

We have received no information since the reply from Jerome to me on June 8th below.

Karl,

The Twin pipeline project is not part of the Terrebonne East bank project previously submitted. The Parish consultant is preparing responses to your questions regarding the Terrebonne EB project and as soon as I get that information I will forward that to you and the Corps.

From: Harmon Brown III  
Sent: Friday, June 18, 2010 11:12 AM  
To: Christine Charrier; Karl Morgan  
Cc: Sara Krupa; Antoinette DeBosier  
Subject: FW: twin pipelines EUA

We just got a request for an update on the twin pipelines project from Jerome Zeringue. Can you let us know where this stands so we can try to move it along?

Thanks,

Harmon

---

From: Jerome Zeringue  
Sent: Friday, June 18, 2010 11:05 AM  
To: 'Mitch J. Marmande'  
Cc: Harmon Brown III; Antoinette DeBosier  
Subject: RE: twin pipelines EUA  
Any updates?

Jerome Zeringue  
Deputy Director  
[cid:image001.jpg@01CB0EE8.DF17EDC0]  
450 Laurel Street, Baton Rouge, LA 70801

[REDACTED] Phone)

[REDACTED] (Fax)

[REDACTED] (Email)

From: Mitch J. Marmande [mailto:Mitch.Marmande@tbsmith.com]  
Sent: Tuesday, June 15, 2010 5:56 PM  
To: Jerome Zeringue  
Subject: Re: twin pipelines EUA

Will address. Thanks

---

From: Jerome Zeringue <Jerome.Zeringue@LA.GOV>  
To: Mitch J. Marmande  
Cc: 'Reggie Dupre' <rdupre@tlcd.org>; 'Charlotte A. Randolph' <RandolphCA@lafourchegov.org>; Michel Claudet <mhclaudet@tpcg.org>; 'Earl Eues' <eeues@tpcg.org>  
Sent: Tue Jun 15 17:25:16 2010  
Subject: FW: twin pipelines EUA  
Update on the Twin Pipeline Project

Mitch,

I presented the information you had provided and the agencies are asking for a bit more information as indicated below. Considering the fact that there are numerous openings, the beginning and ending point of each area of excavation and fill may be time consuming or was this information acquired during the site visit?

Jerome Zeringue  
Deputy Director  
[cid:image001.jpg@01CB0EE8.DF17EDC0]  
450 Laurel Street, Baton Rouge, LA 70801  
[REDACTED] (Phone)  
[REDACTED] (Fax)  
[REDACTED] (Email)

From: Harmon Brown III  
Sent: Tuesday, June 15, 2010 5:08 PM  
To: Jerome Zeringue  
Subject: twin pipelines EUA

Jerome,

I am sending you this email on behalf of Toni DeBosier with regards to the twin pipelines canal EUA. The following information is what is needed to expedite the processing of this EUA:

The latitude/longitude (degrees-minutes-seconds NAD83) for the point of beginning and point of ending for the excavation and fill.

Graphic representation on the plan view of where the excavation will occur.

The access routes

The current height of the existing spoil bank

The dimensions of the borrow canal (both width and depth) - a numerical range would be okay, the word "varies" would not be okay

Please explain what "fuel supply" is in the equipment to be used.

The timely return of this information will allow the EUA to be processed as quickly as possible.

Thank you,

Harmon

## Quebedeaux, Bobby D MVN

---

**From:** Karl Leonards (DNR) [Karl.Leonards@LA.GOV]  
**Sent:** Monday, June 28, 2010 2:31 PM  
**To:** Quebedeaux, Bobby D MVN  
**Subject:** FW: Twin Pipeline Alignment  
**Attachments:** Twin Pipeline.pdf; 3331\_001.pdf; image001.jpg

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

**From:** Lea Ann Baker  
**Sent:** Friday, June 18, 2010 1:32 PM  
**To:** Karl Leonards (DNR)  
**Subject:** FW: Twin Pipeline Alignment

This is EUA 10-063.

Lea

**From:** Karl Morgan  
**Sent:** Friday, June 18, 2010 11:45 AM  
**To:** Lea Ann Baker; Christine Charrier  
**Subject:** FW: Twin Pipeline Alignment

Go ahead and get a number for this one and assign to someone.

**From:** Keith Lovell  
**Sent:** Tuesday, June 08, 2010 3:31 PM  
**To:** Karl Morgan  
**Subject:** FW: Twin Pipeline Alignment

Karl:

I'm not sure he is understanding what we need (from him or an entity) to process these?

-Keith

From: Jerome Zeringue  
Sent: Tuesday, June 08, 2010 3:25 PM  
To: Keith Lovell  
Subject: FW: Twin Pipeline Alignment

Hey Keith,

Here is info from the locals regarding the Twin pipeline project. I will send some info LANG had as well. Could you please prepare the Emergency Use Authorization request. Let me know if you need any additional information.

Thank you

Jerome Zeringue

Deputy Director

clip\_image001

450 Laurel Street, Baton Rouge, LA 70801

██████████ (Phone)

██████████ (Fax)

██ > (Email)

From: Mitch J. Marmande [mailto:Mitch.Marmande@tbsmith.com]  
Sent: Thursday, June 03, 2010 5:11 PM  
To: Jerome Zeringue  
Cc: 'Chrisb@lafourchegov.org'; Windell Curole (wcurole@slld.net); 'Reggie Dupre'; Robert Routon; 'mhclaudet@tpcg.org'; Todd Baker (tbaker@wlf.la.gov)  
Subject: Twin Pipeline Alignment

Per our conversation the last week, I have put together the following information in regards to the Twin Pipeline South Bank Restoration. I have calculated some quantities and proposed a borrow area to be located south of the existing spoil bank along the broken areas. As you will notice in the submittal several navigable bodies will need to be boomed in addition to the spoil bank restoration. An available equipment list has been included which is a combination of public and private equipment. This project will protect approximately 60,000 acres of wetlands in both Lafourche and Terrebonne Parishes. The project also protects the entire Point Aux Chenes Wildlife Management Area. Please let me know if you need additional information.



PHASE IV - CATFISH LAKE TO GOLDEN MEADOW

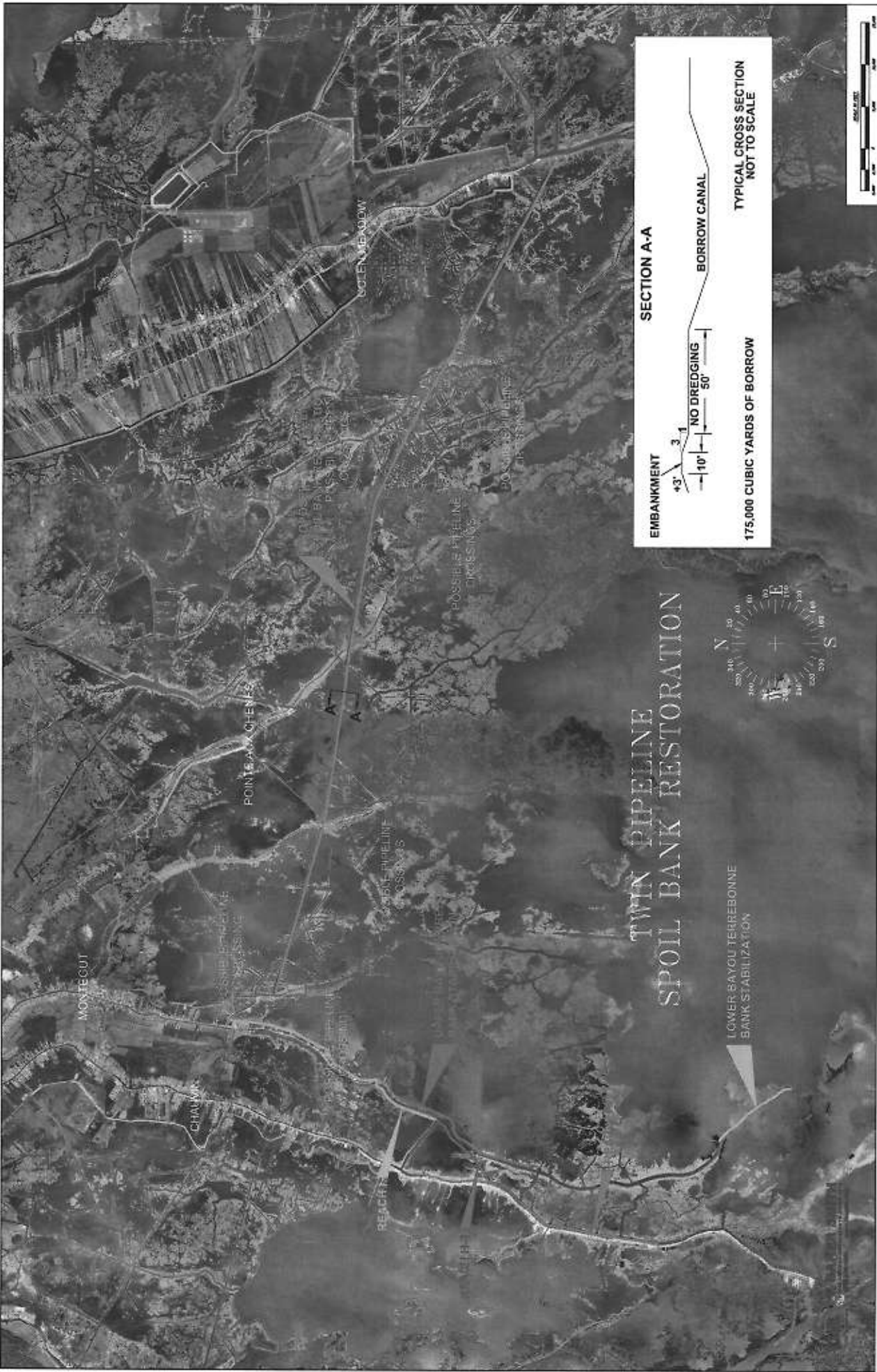
**Marsh Buggy Excavator Rental Estimates**

Company/ Organization	Contact Person	Contact Number	Equipment	Number Available	Operator (Y/N)	Rate	Mobilization	Per Diem
FROGCO	Garrett "Frog" Naquin cell -->	1-800-279-1870 985-852-0825	Long Reach Marsh Buggy Excavator	2+	Y	\$2,500 - \$3,000/day	\$1,500 - \$1,800	-
WILGO	JR Ritter cell -->	504-341-3409 504-416-0806	325 Standard Reach Excavator 325 Long Reach Excavator 330 Standard Reach Excavator 330 Long Reach Excavator Deepwater Long Reach Excavator (6.5 ft)	13 4 6 2 1	Y Y Y Y Y	\$250/hr (10 hr min) \$275/hr (10 hr min) \$300/hr (10 hr min) \$325/hr (10 hr min) \$400/hr (10 hr min) * must supply fuel	\$25/mile \$25/mile \$25/mile \$25/mile move by barge	\$200 \$200 \$200 \$200 \$200
NLCGLDD	Dwayne Bourgeois	985-537-2244	Deepwater Long Reach Excavator (5 ft)	1	Y	\$576 - \$600/hr	?	-
LBLD	Randy Trosclair	225-266-7545	50 ft reach Marsh Buggy Excavator	1	Y	\$190/hr * 2007 Rates (will be updated soon)	\$165/hr (plus police escort)	-
TPCG Public Works	Perry Blanchard	985-873-6735	Marsh Buggy Excavator	1	Y	\$2,500/day	?	-

**Dragline and Barge Rental**

Company/ Organization	Contact Person	Contact Number	Equipment	Number Available	Operator (Y/N)	Rate	Mobilization	Per Diem
TPCG Public Works	Perry Blanchard	985-873-6735	Dragline and Barges			\$5,000/day		
TLCD	Reggie Dupre	985-868-8523	Dragline and Barges			\$5,000/day		





MONTEGUT

CHAMPAIGN

POINTE A LA CHENES

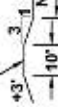
BOULAYE LA NOUVE

### TWIN PIPELINE SPOIL BANK RESTORATION

LOWER BAYGUL TERREBONNE  
BANK STABILIZATION

#### SECTION A-A

EMBANKMENT



NO DREDGING



BORROW CANAL



175,000 CUBIC YARDS OF BORROW

TYPICAL CROSS SECTION  
NOT TO SCALE





PHASE I - MONTEGUT TO ISLE JEAN CHARLES



CHAUVIN

GOLDEN MEADOW

SOUTH BANK RESTORATION

FERRY LAUNDRY BUILDING

PHASE II - ISLE JEAN CHARLES TO BAYOU POINT AUX CHENES



GOLDEN MEADOW

CHAUVIN

SOUTH BANK RESTORATION



PHASE III - BAYOU POINT AUX CHENES TO CATFISH LAKE

## **Quebedeaux, Bobby D MVN**

---

**From:** Karl Leonards (DNR) [Karl.Leonards@LA.GOV]  
**Sent:** Monday, June 28, 2010 2:31 PM  
**To:** Quebedeaux, Bobby D MVN  
**Subject:** FW: twin pipelines EUA  
**Attachments:** pipeline est to golden meadow.pdf

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

**From:** Karl Morgan  
**Sent:** Tuesday, June 22, 2010 9:13 AM  
**To:** Karl Leonards (DNR)  
**Subject:** FW: twin pipelines EUA

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

**From:** Mitch J. Marmande [mailto:Mitch.Marmande@tbsmith.com]  
**Sent:** Monday, June 21, 2010 5:56 PM  
**To:** Sara Krupa; Jerome Zeringue  
**Cc:** Regina Staten; Karl Morgan; Antoinette DeBosier  
**Subject:** RE: twin pipelines EUA

Sara,

In response to the email from Harmon Brown, I have prepared the attached maps to detail the exact locations of the fill and excavation areas. Contained on this plan view is a table which references by number the location of the fill areas (beginning and end points) and by letter the excavation areas (beginning and end points).

There are many access points as one travels west to east and labeled on the original submittal: Humble Canal, Oilfield Canals, Island Road, Highway 665, Bayou Point Aux Chenes, Bayou Jean Charles, Several Canals, Grand Bayou, Catfish Lake, Bay Sevin, Laurier Bayou and finally Highway 1. As you can see by the waterways listed above, there is no shortage of ways to transport people and supplies to the equipment and troublesome areas.

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The draglines and marsh buggy excavators shall use diesel fuel and as mentioned before are easily accessed through the many local waterways.

Please do not hesitate to contact me with any further questions.

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From: Sara Krupa [mailto:Sara.Krupa@LA.GOV]  
Sent: Monday, June 21, 2010 10:43 AM  
To: Jerome Zeringue; Mitch J. Marmande  
Cc: Regina Staten; Karl Morgan; Antoinette DeBosier  
Subject: FW: twin pipelines EUA

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We heard back from Mitch, and we should have the additional information that we requested from him sometime today.

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From: Sara Krupa <Sara.Krupa@LA.GOV>  
To: Jerome Zeringue <Jerome.Zeringue@LA.GOV>  
Cc: Mitch J. Marmande; Karl Morgan <Karl.Morgan@LA.GOV>; Regina Staten <Regina.Staten@LA.GOV>; Antoinette DeBosier <Antoinette.DeBosier@LA.GOV>  
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Thanks

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Deputy Director  
[cid:image001.jpg@01CB0EE8.DF17EDC0]  
450 Laurel Street, Baton Rouge, LA 70801

[Redacted] (Phone)  
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Deputy Director  
[cid:image001.jpg@01CB0EE8.DF17EDC0]  
450 Laurel Street, Baton Rouge, LA 70801  
[REDACTED] (Phone)  
[REDACTED] (Fax)  
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To: Mitch J. Marmande  
Cc: 'Reggie Dupre' <rdupre@tlcd.org>; 'Charlotte A. Randolph' <RandolphCA@lafourchegov.org>; Michel Claudet <mhclaudet@tpcg.org>; 'Earl Eues' <eeues@tpcg.org>  
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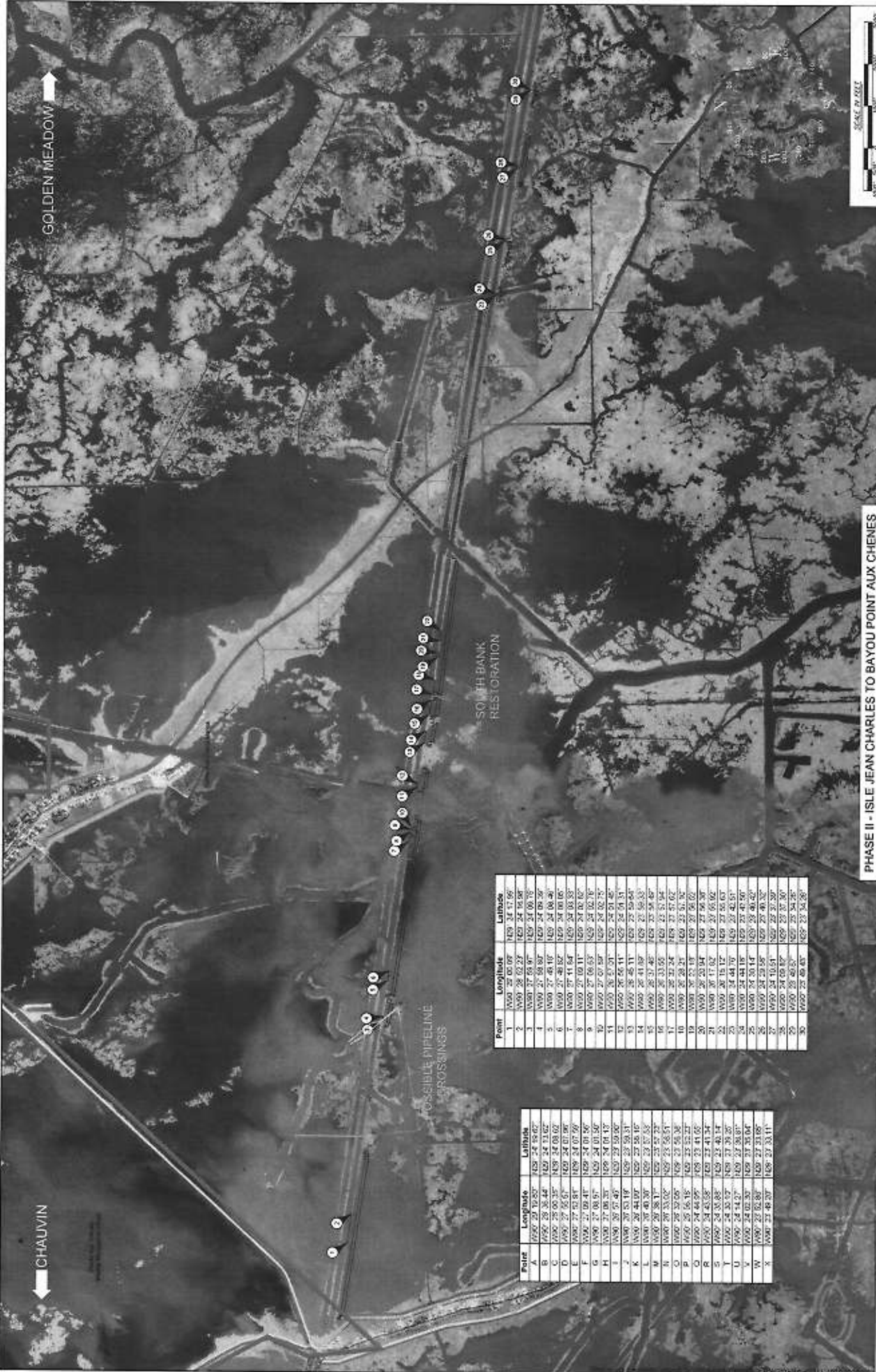
Harmon



Point	Longitude	Latitude
1	W090 30 05.84	N029 25 38.74
2	W090 30 05.71	N029 25 39.69
3	W090 30 05.54	N029 25 40.63
4	W090 30 05.07	N029 25 41.55
5	W090 30 04.97	N029 25 42.46
6	W090 30 04.86	N029 25 43.36
7	W090 30 04.70	N029 25 44.24
8	W090 30 04.53	N029 25 45.11
9	W090 30 04.35	N029 25 45.97
10	W090 30 04.17	N029 25 46.82
11	W090 30 04.00	N029 25 47.66
12	W090 30 03.85	N029 25 48.49
13	W090 30 03.70	N029 25 49.31
14	W090 30 03.55	N029 25 50.12
15	W090 30 03.40	N029 25 50.92
16	W090 30 03.25	N029 25 51.71
17	W090 30 03.10	N029 25 52.49
18	W090 30 02.95	N029 25 53.26
19	W090 30 02.80	N029 25 54.02
20	W090 30 02.65	N029 25 54.77
21	W090 30 02.50	N029 25 55.51
22	W090 30 02.35	N029 25 56.24
23	W090 30 02.20	N029 25 56.96
24	W090 30 02.05	N029 25 57.67
25	W090 30 01.90	N029 25 58.37
26	W090 30 01.75	N029 25 59.06
27	W090 30 01.60	N029 25 59.74
28	W090 30 01.45	N029 25 60.41
29	W090 30 01.30	N029 25 61.07
30	W090 30 01.15	N029 25 61.72
31	W090 30 01.00	N029 25 62.36
A	W090 30 10.17	N029 25 15.46
B	W090 30 09.65	N029 25 16.24
C	W090 30 09.47	N029 25 16.50
D	W090 30 09.19	N029 25 16.76
E	W090 30 08.86	N029 25 17.02
F	W090 30 08.50	N029 25 17.27
G	W090 30 08.10	N029 25 17.51
H	W090 30 07.65	N029 25 17.74
I	W090 30 07.15	N029 25 17.96
J	W090 30 06.60	N029 25 18.17
K	W090 30 06.00	N029 25 18.37
L	W090 30 05.37	N029 25 18.57
M	W090 30 04.70	N029 25 18.76
N	W090 30 04.00	N029 25 18.94
O	W090 30 03.27	N029 25 19.11
P	W090 30 02.54	N029 25 19.27

PHASE I - MONTEGUT TO ISLE JEAN CHARLES





CHAUVIN

GOLDEN MEADOW

SOUTH BANK RESTORATION

POSSIBLE PIPELINE CROSSINGS

PHASE II - ISLE JEAN CHARLES TO BAYOU POINT AUX CHENES



Point	Longitude	Latitude
1	N 90° 29' 00.00"	W 03° 24' 11.99"
2	N 90° 28' 02.27"	W 03° 24' 16.98"
3	N 90° 27' 58.97"	W 03° 24' 00.70"
4	N 90° 27' 58.90"	W 03° 24' 08.30"
5	N 90° 27' 58.10"	W 03° 24' 08.46"
6	N 90° 27' 58.10"	W 03° 24' 08.46"
7	N 90° 27' 58.10"	W 03° 24' 08.46"
8	N 90° 27' 58.10"	W 03° 24' 08.46"
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12	N 90° 27' 58.10"	W 03° 24' 08.46"
13	N 90° 27' 58.10"	W 03° 24' 08.46"
14	N 90° 27' 58.10"	W 03° 24' 08.46"
15	N 90° 27' 58.10"	W 03° 24' 08.46"
16	N 90° 27' 58.10"	W 03° 24' 08.46"
17	N 90° 27' 58.10"	W 03° 24' 08.46"
18	N 90° 27' 58.10"	W 03° 24' 08.46"
19	N 90° 27' 58.10"	W 03° 24' 08.46"
20	N 90° 27' 58.10"	W 03° 24' 08.46"
21	N 90° 27' 58.10"	W 03° 24' 08.46"
22	N 90° 27' 58.10"	W 03° 24' 08.46"
23	N 90° 27' 58.10"	W 03° 24' 08.46"
24	N 90° 27' 58.10"	W 03° 24' 08.46"
25	N 90° 27' 58.10"	W 03° 24' 08.46"
26	N 90° 27' 58.10"	W 03° 24' 08.46"
27	N 90° 27' 58.10"	W 03° 24' 08.46"
28	N 90° 27' 58.10"	W 03° 24' 08.46"
29	N 90° 27' 58.10"	W 03° 24' 08.46"
30	N 90° 27' 58.10"	W 03° 24' 08.46"

Point	Longitude	Latitude
A	N 90° 27' 58.10"	W 03° 24' 08.46"
B	N 90° 27' 58.10"	W 03° 24' 08.46"
C	N 90° 27' 58.10"	W 03° 24' 08.46"
D	N 90° 27' 58.10"	W 03° 24' 08.46"
E	N 90° 27' 58.10"	W 03° 24' 08.46"
F	N 90° 27' 58.10"	W 03° 24' 08.46"
G	N 90° 27' 58.10"	W 03° 24' 08.46"
H	N 90° 27' 58.10"	W 03° 24' 08.46"
I	N 90° 27' 58.10"	W 03° 24' 08.46"
J	N 90° 27' 58.10"	W 03° 24' 08.46"
K	N 90° 27' 58.10"	W 03° 24' 08.46"
L	N 90° 27' 58.10"	W 03° 24' 08.46"
M	N 90° 27' 58.10"	W 03° 24' 08.46"
N	N 90° 27' 58.10"	W 03° 24' 08.46"
O	N 90° 27' 58.10"	W 03° 24' 08.46"
P	N 90° 27' 58.10"	W 03° 24' 08.46"
Q	N 90° 27' 58.10"	W 03° 24' 08.46"
R	N 90° 27' 58.10"	W 03° 24' 08.46"
S	N 90° 27' 58.10"	W 03° 24' 08.46"
T	N 90° 27' 58.10"	W 03° 24' 08.46"
U	N 90° 27' 58.10"	W 03° 24' 08.46"
V	N 90° 27' 58.10"	W 03° 24' 08.46"
W	N 90° 27' 58.10"	W 03° 24' 08.46"
X	N 90° 27' 58.10"	W 03° 24' 08.46"





Point	Longitude	Latitude
1	89° 18' 12.44"	30° 21' 22.29"
2	89° 18' 11.20"	30° 21' 20.77"
3	89° 18' 03.94"	30° 21' 22.52"
4	89° 18' 03.54"	30° 21' 22.53"
5	89° 17' 31.81"	30° 21' 07.09"
6	89° 17' 30.10"	30° 21' 06.99"
7	89° 17' 30.24"	30° 20' 53.67"
8	89° 17' 30.24"	30° 20' 53.67"
9	89° 17' 53.70"	30° 20' 53.30"
10	89° 18' 04.00"	30° 20' 51.17"
11	89° 18' 04.85"	30° 20' 44.74"
12	89° 18' 02.84"	30° 20' 42.70"
13	89° 18' 02.00"	30° 20' 28.10"
14	89° 18' 04.99"	30° 20' 28.10"
15	89° 18' 09.77"	30° 20' 23.40"
16	89° 18' 04.99"	30° 20' 18.00"
17	89° 18' 04.99"	30° 20' 18.00"
18	89° 18' 02.84"	30° 19' 57.40"
19	89° 18' 02.84"	30° 19' 57.40"
20	89° 18' 02.84"	30° 19' 57.40"
21	89° 18' 01.90"	30° 19' 56.07"
22	89° 18' 01.19"	30° 19' 56.07"
23	89° 18' 00.67"	30° 19' 56.07"
24	89° 18' 00.67"	30° 19' 56.07"
25	89° 17' 59.67"	30° 19' 56.07"
26	89° 17' 59.30"	30° 19' 55.29"
27	89° 17' 59.30"	30° 19' 55.29"
28	89° 17' 59.30"	30° 19' 55.29"
29	89° 17' 59.30"	30° 19' 55.29"
30	89° 17' 59.30"	30° 19' 55.29"
A	89° 18' 13.74"	30° 21' 26.88"
B	89° 18' 10.32"	30° 21' 26.34"
C	89° 18' 04.25"	30° 21' 23.41"
D	89° 18' 03.96"	30° 21' 22.06"
E	89° 17' 52.40"	30° 21' 16.75"
F	89° 17' 25.75"	30° 21' 06.21"
G	89° 17' 09.42"	30° 20' 55.89"
H	89° 16' 31.30"	30° 20' 49.30"
I	89° 16' 41.68"	30° 20' 45.99"
J	89° 16' 41.68"	30° 20' 45.99"
K	89° 16' 11.77"	30° 20' 35.33"
L	89° 15' 07.25"	30° 20' 25.71"
M	89° 15' 00.32"	30° 20' 22.32"
N	89° 15' 48.17"	30° 20' 16.95"
O	89° 15' 05.70"	30° 19' 06.84"
P	89° 15' 04.40"	30° 19' 06.21"
Q	89° 15' 02.26"	30° 19' 05.27"
R	89° 15' 00.02"	30° 19' 04.46"
S	89° 14' 59.83"	30° 19' 04.09"
T	89° 14' 59.83"	30° 19' 03.90"
U	89° 14' 59.83"	30° 19' 03.90"
V	89° 14' 50.42"	30° 19' 48.94"

PHASE IV - CATFISH LAKE TO GOLDEN MEADOW



From: Karl Morgan [Karl.Morgan@LA.GOV]
Sent: Monday, June 28, 2010 11:49 AM
To: 'ronnie.duke@usace.army.mil'; Duke, Ronnie W MVN
Cc: Serio, Pete J MVN
Subject: FW: EUA - 10 - 063

Attachments: pipeline est to golden meadow.pdf



pipeline est to golden meadow....

Here is the one we were discussing. Our analyst is Karl Leonards.

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

From: Karl Leonards (DNR)
Sent: Wednesday, June 23, 2010 1:05 PM
To: 'Butler, Dave'; 'kbalkum@wlf.la.gov'; 'rcdavis@wlf.la.gov'; 'mweigel@wlf.la.gov'; Kenneth Bahlinger; Andrew Beall; Brad Miller
Cc: Karl Morgan; Kirk Kilgen; Rod Pierce
Subject: FW: EUA - 10 - 063

Please provide comments for EUA - 10 - 063. The applicant proposes to fill numerous breaks in the levee to protect wetlands in both Terrebonne and Lafourche Parishes. Borrow areas will be located south of the existing spoil bank along the broken areas. Fill and borrow areas are identified on the plats labeled, "Phase I - Montegut to Isle Jean Charles", "Phase II - Isle Jean Charles to Bayou Point Aux Chenes", "Phase III - Bayou Point Aux Chenes to Catfish Lake", and "Phase IV - Catfish Lake to Golden Meadow". Approximate dredging depths will not exceed 5' in depth and will be approximately 75' in width with a 4 to 1 side slopes on either end of the borrow ditch. The average depth will be approximately 3'. Approximately 175,000 cubic yards of native material will be excavated and used as fill. No additional dredge or fill is required.

LOCATION:

FEATURES

Table with 2 columns: LOCATION and FEATURES. Rows include Phase I-Montegut to Isle Jean Charles, Phase II-Isle Jean Charles to Bayou Point Aux Chenes, Phase III-Bayou Point Aux Chenes to Catfish Lake, and Phase IV-Catfish Lake to Golden Meadow with associated coordinates and feature codes like OCRP TE-10, TE-6 and LNHP 090912.

If you need additional information, please contact me. I will be forwarding an addition email concerning this project.

Please provide comments asap.

Thank you,

Karl Leonards  
LDNR - Office of Coastal Management  
[REDACTED]

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

From: Mitch J. Marmande [mailto:Mitch.Marmande@tbsmith.com]  
Sent: Monday, June 21, 2010 5:56 PM  
To: Sara Krupa; Jerome Zeringue  
Cc: Regina Staten; Karl Morgan; Antoinette DeBosier  
Subject: RE: twin pipelines EUA

Sara,

In response to the email from Harmon Brown, I have prepared the attached maps to detail the exact locations of the fill and excavation areas. Contained on this plan view is a table which references by number the location of the fill areas (beginning and end points) and by letter the excavation areas (beginning and end points).

There are many access points as one travels west to east and labeled on the original submittal: Humble Canal, Oilfield Canals, Island Road, Highway 665, Bayou Point Aux Chenes, Bayou Jean Charles, Several Canals, Grand Bayou, Catfish Lake, Bay Sevin, Laurier Bayou and finally Highway 1. As you can see by the waterways listed above, there is no shortage of ways to transport people and supplies to the equipment and troublesome areas.

The current height of the spoil varies from location to location but the majority of the spoil bank is +2-+3 NAVD; however, a centerline profile has not been run throughout the entire length.

During our investigations, we feel that by providing a "no dredging" distance of 50 from the toe of the fill area to the beginning of the borrow area would be sufficient for stability. The dredging depths would not exceed 5 foot in depth and will be approximately 75 feet in width with 4 to 1 side slopes on either end of the borrow ditch. The average depths of borrow will be approximately 3 feet.

The draglines and marsh buggy excavators shall use diesel fuel and as mentioned before are easily accessed through the many local waterways.

Please do not hesitate to contact me with any further questions.

Mitch Marmande

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

From: Sara Krupa [mailto:Sara.Krupa@LA.GOV]  
Sent: Monday, June 21, 2010 10:43 AM  
To: Jerome Zeringue; Mitch J. Marmande  
Cc: Regina Staten; Karl Morgan; Antoinette DeBosier  
Subject: FW: twin pipelines EUA

Jerome,

We heard back from Mitch, and we should have the additional information that we requested from him sometime today.

Sara

---

From: Mitch J. Marmande [Mitch.Marmande@tbsmith.com]  
Sent: Monday, June 21, 2010 9:00 AM  
To: Sara Krupa  
Subject: Re: twin pipelines EUA

We will have something out today.

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

From: Sara Krupa <Sara.Krupa@LA.GOV>  
To: Jerome Zeringue <Jerome.Zeringue@LA.GOV>  
Cc: Mitch J. Marmande; Karl Morgan <Karl.Morgan@LA.GOV>; Regina Staten

<Regina.Staten@LA.GOV>; Antoinette DeBosier <Antoinette.DeBosier@LA.GOV>  
Sent: Mon Jun 21 08:56:02 2010  
Subject: FW: twin pipelines EUA

Zee,  
Good morning.  
Just following up on the twin pipeline project - do you have any updates on this one?  
Thanks,  
Sara

---

From: Jerome Zeringue  
Sent: Friday, June 18, 2010 1:18 PM  
To: Harmon Brown III  
Cc: Antoinette DeBosier; Sara Krupa  
Subject: RE: twin pipelines EUA

Hey Harmon,  
Thanks for checking and I asked Mitch Marmande the consultant for the Parish to prepare responses to the issues the agencies raised. I will let you know as soon as I hear from him.  
Thanks

Jerome Zeringue  
Deputy Director  
[cid:image001.jpg@01CB0EE8.DF17EDC0]  
450 Laurel Street, Baton Rouge, LA 70801  
[REDACTED] (Phone)  
[REDACTED] (Fax)  
[REDACTED] > (Email)

From: Harmon Brown III  
Sent: Friday, June 18, 2010 11:30 AM  
To: Jerome Zeringue  
Cc: Antoinette DeBosier; Sara Krupa  
Subject: FW: twin pipelines EUA

Mr. Zeringue,

This is the response I received from Karl Morgan regarding the progress of the twin pipelines EUA.

Harmon

---

From: Karl Morgan  
Sent: Friday, June 18, 2010 11:28 AM  
To: Harmon Brown III; Christine Charrier  
Cc: Sara Krupa; Antoinette DeBosier; 'Farabee, Michael V MVN'  
Subject: RE: twin pipelines EUA

Harmon,  
We have received no information since the reply from Jerome to me on June 8th below.

Karl,  
The Twin pipeline project is not part of the Terrebonne East bank project previously submitted. The Parish consultant is preparing responses to your questions regarding the Terrebonne EB project and as soon as I get that information I will forward that to you and the Corps.

From: Harmon Brown III  
Sent: Friday, June 18, 2010 11:12 AM  
To: Christine Charrier; Karl Morgan  
Cc: Sara Krupa; Antoinette DeBosier  
Subject: FW: twin pipelines EUA

We just got a request for an update on the twin pipelines project from Jerome Zeringue. Can you let us know where this stands so we can try to move it along?



Thanks,

Harmon

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From: Jerome Zeringue  
Sent: Friday, June 18, 2010 11:05 AM  
To: 'Mitch J. Marmande'  
Cc: Harmon Brown III; Antoinette DeBosier  
Subject: RE: twin pipelines EUA  
Any updates?

Jerome Zeringue  
Deputy Director  
[cid:image001.jpg@01CB0EE8.DF17EDC0]  
450 Laurel Street, Baton Rouge, LA 70801  
[REDACTED] (Phone)  
[REDACTED] (Fax)  
[REDACTED] (Email)

From: Mitch J. Marmande [mailto:Mitch.Marmande@tbsmith.com]  
Sent: Tuesday, June 15, 2010 5:56 PM  
To: Jerome Zeringue  
Subject: Re: twin pipelines EUA

Will address. Thanks

---

From: Jerome Zeringue <Jerome.Zeringue@LA.GOV>  
To: Mitch J. Marmande  
Cc: 'Reggie Dupre' <rdupre@tlcd.org>; 'Charlotte A. Randolph'  
<RandolphCA@lafourchegov.org>; Michel Claudet <mhclaudet@tpcg.org>; 'Earl Eues'  
<eeues@tpcg.org>  
Sent: Tue Jun 15 17:25:16 2010  
Subject: FW: twin pipelines EUA  
Update on the Twin Pipeline Project

Mitch,

I presented the information you had provided and the agencies are asking for a bit more information as indicated below. Considering the fact that there are numerous openings, the beginning and ending point of each area of excavation and fill may be time consuming or was this information acquired during the site visit?

Jerome Zeringue  
Deputy Director  
[cid:image001.jpg@01CB0EE8.DF17EDC0]  
450 Laurel Street, Baton Rouge, LA 70801  
[REDACTED] (Phone)  
[REDACTED] (Fax)  
[REDACTED] (Email)

From: Harmon Brown III  
Sent: Tuesday, June 15, 2010 5:08 PM  
To: Jerome Zeringue  
Subject: twin pipelines EUA

Jerome,

I am sending you this email on behalf of Toni DeBosier with regards to the twin pipelines canal EUA. The following information is what is needed to expedite the processing of this EUA:

The latitude/longitude (degrees-minutes-seconds NAD83) for the point of beginning and point of ending for the excavation and fill.

Graphic representation on the plan view of where the excavation will occur.

The access routes

The current height of the existing spoil bank

The dimensions of the borrow canal (both width and depth) - a numerical range would be okay, the word "varies" would not be okay

Please explain what "fuel supply" is in the equipment to be used.

The timely return of this information will allow the EUA to be processed as quickly as possible.

Thank you,

Harmon



MVN-2010-01549-WJJ Terrebonne/Latourche Twin P/L Canal

Phase I - Montegut to Isle Jean Charles

POB 29.4218 / -90.55283 POE 29.40661 / -90.49357



MVN-2010-01549-WJJ Terrebonne/Lafourche Twin P/L Canal  
Phase II - Isle Jean Charles to Bayou Point Aux Chenes  
POB 29.40545 / -90.48883 POE 29.39253 / -90.397

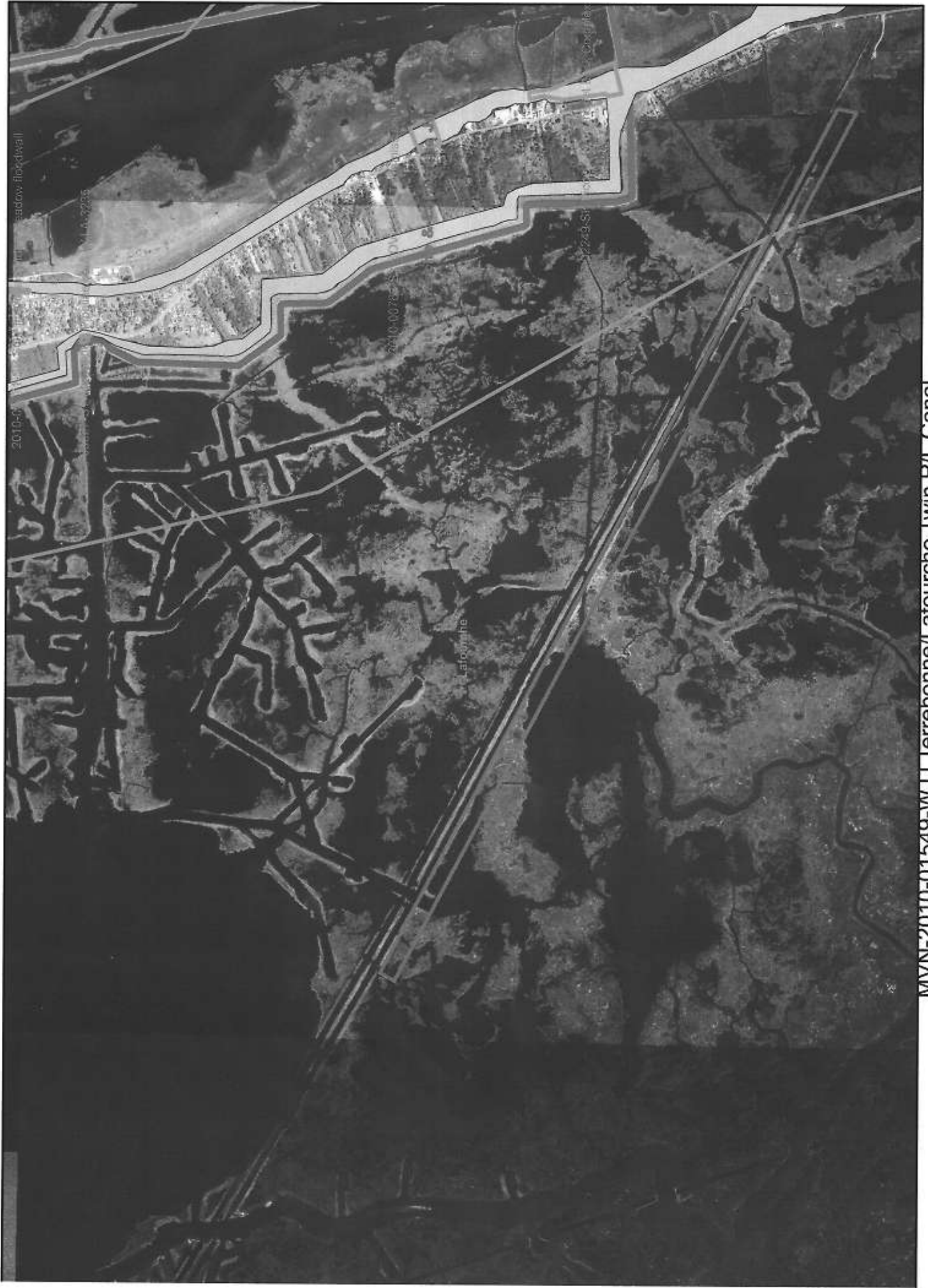
GD-G Bayou Lafourche & Lafourche Jump



Lafourche

Terrebonne

MVN-2010-01549-WJJ Terrebonne/Lafourche Twin P/L Canal  
Phase III Bayou Point Aux Chenes to Catfish Lake  
POB 29.39103 / -90.38499 POE 29.35954 / -90.30787



MVN-2010-01549-WJJ Terrebonne/Latourche Iwin P/L Canal

Phase IV Catfish Lake to Golden Meadow

POB 29.35749 / -90.30382 POE 29.33048 / -90.24734

## Quebedeaux, Bobby D MVN

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**From:** Serio, Pete J MVN  
**Sent:** Saturday, July 03, 2010 8:15 AM  
**To:** Duke, Ronnie W MVN; Quebedeaux, Bobby D MVN  
**Subject:** FW: Terrebonne Comment Letter (MVN-2010-01549-WJJ)  
**Attachments:** Terrebonne Parish Emergency Permit Comment Letter 07-01-10.pdf

Let's discuss this on Tuesday.

Pete Serio  
Chief, Regulatory Branch  
504-862-2255

In order to assist us in improving our service to you, please complete the survey found at:  
<http://per2.nwp.usace.army.mil/survey.html>

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

**From:** Natalie Snider [mailto:[nsnider@crcl.org](mailto:nsnider@crcl.org)]  
**Sent:** Friday, July 02, 2010 4:24 PM  
**To:** Lee, Alvin B COL MVN  
**Cc:** Garret Graves; Steve Mathies; Michel H. Claudet; [Ettinger.John@epamail.epa.gov](mailto:Ettinger.John@epamail.epa.gov); Rick Hartman; Rick Hartman; Patti Holland; Jimmy Anthony; Angelina Freeman; [Bkohl40@cs.com](mailto:Bkohl40@cs.com); [johnlopez@pobox.com](mailto:johnlopez@pobox.com); Steven Peyronnin; Karla Raettig; Paul Kemp ; [randolphca@lafourchegov.org](mailto:randolphca@lafourchegov.org); Serio, Pete J MVN  
**Subject:** Terrebonne Comment Letter (MVN-2010-01549-WJJ)

Colonel Lee,

Please accept the attached letter on behalf of the Coalition to Restore Coastal Louisiana, Environmental Defense Fund, Lake Pontchartrain Basin Foundation, Louisiana Audubon Council, National Audubon Society and National Wildlife Federation on the current emergency permit request submitted by the Terrebonne Levee and Conservation District.

We request to stay informed of the status of the permit and any information that becomes available.

Respectfully,

Natalie Snider  
Science Director

Coalition to Restore Coastal Louisiana

6160 Perkins Road, Suite 225

Baton Rouge, Louisiana 70808

[REDACTED]

[REDACTED]



July 2, 2010

Colonel Alvin Lee  
U.S. Army Corps of Engineers  
Commander  
New Orleans District  
P.O. Box 60267  
New Orleans, LA 70160

Re: Terrebonne Levee and Conservation District Permit Request  
MVN-2010-01549-WJJ

Dear Colonel Lee,

We, the undersigned organizations, are writing to strongly encourage the U.S. Army Corps of Engineers to deny the emergency permit request to fill breaks along Twin Pipeline Canal Levee in Terrebonne and Lafourche Parishes. The information provided by the applicant, Terrebonne Levee and Conservation District, is insufficient to properly understand the activities proposed and potential impacts on the environment. Nor does it sufficiently explain the oil response function of the proposed activity in a way that justifies consideration under the emergency permitting process. Absent this basic information, it would be irresponsible for the reviewing entity to consider this permit even under the current crisis. For these reasons, the permit should be denied until additional information can be provided to the U.S. Army Corps of Engineers, the commenting agencies and the public. Once sufficient information is provided, an additional comment period should be set.

In order to effectively implement any of the expedited oil response features that may be considered through the Emergency Permit procedure, it is imperative that outside expertise and technical review be utilized to help inform the decision-making process. By separating scientists and stakeholders from the planning process, planners and decision-makers are not given the opportunity to exchange information and ideas, thereby hindering the decision-making process. This has the potential to give the impression that the decisions are being made without science and stakeholder input. We would like to request to be engaged in permit meetings on this permit request with the USACE regulatory team and the applicant.

For purpose of reply, you may contact Natalie Snider at the Coalition to Restore Coastal Louisiana at [nsnider@crcl.org](mailto:nsnider@crcl.org) or [REDACTED].

Respectfully submitted,

Angelina Freeman, Ph.D.  
Coastal Scientist  
Environmental Defense Fund

John Lopez, Ph.D.  
Director of Coastal Sustainability  
Lake Pontchartrain Basin Foundation

Paul Kemp, Ph.D.  
Vice President  
National Audubon Society

Barry Kohl, Ph.D.  
President  
Louisiana Audubon Council

Steven Peyronnin  
Executive Director  
Coalition to Restore Coastal Louisiana

Karla Raettig  
National Campaign Director  
National Wildlife Federation

cc: Chair, Coastal Protection and Restoration Authority  
Executive Director, Office of Coastal Protection and Restoration  
President, Terrebonne Parish  
President, Lafourche Parish  
Environmental Protection Agency  
National Oceanic and Atmospheric Administration  
U.S. Fish and Wildlife Service  
Louisiana Department of Wildlife and Fisheries



## UNITED FOR A HEALTHY GULF

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338 Baronne St., Suite 200, New Orleans, LA 70112  
Mailing Address: P.O. Box 2245, New Orleans, LA 70176  
Phone: (504) 525-1528 Fax: (504) 525-0833  
[www.healthygulf.org](http://www.healthygulf.org)

June 2, 2010

Col. Alvin Lee  
United States Army  
Corps of Engineers  
New Orleans District  
7400 Leake Avenue  
New Orleans, LA 70118

RE: Emergency Authorization Request-Twin Pipeline Canal EUA-10-063, MVN2010-01549-WJJ

Dear Col. Lee,

I am writing on behalf of the Gulf Restoration Network (GRN), a diverse coalition of individual citizens and local, regional, and national organizations committed to uniting and empowering people to protect and restore the resources of the Gulf of Mexico. Please consider the following comments regarding the emergency permit requested by the Terrebonne Levee and Conservation District (TLCD), with the stated project purpose to "construct a barrier against oil while the threat of oil intrusion exists." While we share the TLCD's desire to protect our coast from the harmful effects of the ever-growing threat of oil fouling our wetlands, based on conversations with scientists, conservationists, as well as federal resource agencies, we do have some concerns regarding this proposal that would apparently stretch over 37 miles across Louisiana's coast. Given these concerns, we ask that the Corps not approve this request for an emergency general permit.

1. Lack of information in proposal

We have not seen enough information (10 maps, one table and a 1-paragraph narrative) regarding this proposal to make an informed, complete analysis of this project. Before any action is taken on TLCD's proposal more information must be gathered and released to the public, including, but not limited to, hydrologic models, ecosystem assessments, evidence of effectiveness, and alternative analyses.

2. Lack of evidence that proposal will prevent oil from impacting wetlands

The stated purpose of this project is to “construct a barrier against oil while the threat of oil intrusion exists,” however the applicant has supplied not evidence that the filling in of gaps along a pipeline spoil bank, will accomplish this. We request scientific evidence that this is a valid and expedient method to protect the wetlands in this basin.

3. Impacts to hydrology

Given the information in the drawings submitted to the Corps for their review, there does not appear to be any analysis of the effects the spoil banks might have on the hydrology of the basin. Some questions that need to be answered are: Will these spoil banks restrict the hydrology so water to the north will be slowed, or stopped, causing water to rise and flood the interior basin? Will sheet flow be impaired or stopped? Will tidal water, vital to a sustainable ecosystem, be able to flow into the already stressed wetlands north of the pipeline canal?

One of the reasons that this basin is so stressed is because of all of the legacy canals criss-crossing it. In order to restore the area, many of these canals should be filled in. This project would be in conflict with this, as it would protect one of these canals by digging up even more wetlands for fill material. This seems to conflict with the goal of coastal restoration. We cannot preemptively sacrifice wetland in the name of responding to the BP oil disaster.

4. Impacts to fish and marine life

The State’s proposal does not include any analysis as how the proposed project would impact fish, marine life, water fowl, and other wildlife. An obvious goal of this project should be to protect wildlife. Given this, we feel that there must be a thorough analysis on what impacts this project might have on wildlife in our oceans, estuaries, and existing barrier islands.

5. Coverage under general permit

We understand that the BP oil drilling disaster is a disaster of unprecedented proportions. However, we are concerned that Louisiana is proposing to have such a large project covered under a general permit (NOD 20). General permits are intended to have negligible impacts individually and cumulatively, however this project will certainly have impacts that would normally require a full Environmental Impact Statement (EIS) under the National Environmental Policy Act (NEPA). While we acknowledge that this disaster requires regulatory flexibility, general permits were never intended to address massive projects with potentially significant environmental impacts. We are deeply troubled by the precedent that would be set by this action.

6. Inconsistencies with the state Master Plan

While this project does not claim to be an attempt to offer a level of storm protection, the fact that it would construct a hydrologic barrier across an entire basin would conflict with Louisiana's Master Plan, where on page 17 it states that "design, construction, and operation of new flood and storm protection measure should avoid or minimize effects that would reduce ecosystem resilience. Where practicable, disrupted hydrologic systems should be rehabilitated to re-establish sustainable processes." Far from re-establishing sustainable processes, this proposal has the potential to do the exact opposite: cut off hydrologic flow, protect canals that allow for saltwater intrusion and sever an already fragile ecosystem.

We would like to be clear that we are very concerned about the impacts of the BP oil drilling disaster; however, moving forward with such a massive effort that may prove ineffective and inflict harm on existing natural resources may not be the best approach. Absent even basic scientific information, it would be irresponsible for the reviewing entity to consider this permit even under the current crisis. For these reasons, the permit should be denied until additional information can be provided to the U.S. Army Corps of Engineers, the commenting agencies and the public. Once sufficient information is provided, an additional comment period should be set.

Thank you for reviewing our concerns. I would be happy to explore these ideas further if you have any questions.

For a healthy Gulf,

Matt Rota  
Water Resources Program Director

CC: Mike Boots, CEQ  
Host Greczmiel, CEQ  
Garret Graves, State of Louisiana  
Lisa Jackson, EPA  
Al Armendariz, EPA Region 6  
Lawrence Starfield, EPA Region 6  
John Ettinger, EPA Region 6  
Jane Lubchenco, NOAA  
Pete Serio, USACE New Orleans District

## Quebedeaux, Bobby D MVN

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**From:** Serio, Pete J MVN  
**Sent:** Friday, July 02, 2010 11:31 AM  
**To:** Duke, Ronnie W MVN; Quebedeaux, Bobby D MVN  
**Subject:** FW: GRN Comments re: Emergency Authorization Request-Twin Pipeline Canal EUA-10-063, MVN2010-01549-WJJ  
**Attachments:** GRN Comments-Twin Pipeline Canal-2010July02.pdf

Pete Serio  
Chief, Regulatory Branch  
504-862-2255

In order to assist us in improving our service to you, please complete the survey found at:  
<http://per2.nwp.usace.army.mil/survey.html>

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

**From:** Matt Rota [mailto:matt@healthygulf.org]  
**Sent:** Friday, July 02, 2010 10:51 AM  
**To:** Lee, Alvin B COL MVN  
**Cc:** michael\_j.\_boots; Horst Greczmiel; Garrett Graves; jackson.lisa@epa.gov; Al Armendariz; Larry Starfield; ettinger.john; jane.lubchenco@noaa.gov; Serio, Pete J MVN  
**Subject:** GRN Comments re: Emergency Authorization Request-Twin Pipeline Canal EUA-10-063, MVN2010-01549-WJJ

Col. Lee,

Please find attached comments regarding:

Emergency Authorization Request-Twin Pipeline Canal EUA-10-063, MVN2010-01549-WJJ

I look forward to your response. If you or your staff have any questions, please let me know.

For a healthy Gulf,

Matt Rota

--  
Matt Rota, MEERM  
Water Resources Program Director  
Gulf Restoration Network

[matt@healthygulf.org](mailto:matt@healthygulf.org)  
<http://healthygulf.org>

Find out what GRN is doing about the BP Oil Drilling Disaster at:  
<http://bpdrillingdisaster.org>

## Quebedeaux, Bobby D MVN

---

**From:** Ettinger.John@epamail.epa.gov  
**Sent:** Friday, July 02, 2010 1:26 PM  
**To:** Quebedeaux, Bobby D MVN  
**Cc:** jim\_boggs@fws.gov; Patti Holland (E-mail); Patrick Williams; Richard Hartman; rachel.sweeney@noaa.gov; Brad\_Rieck@fws.gov; Keeler.Barbara@epamail.epa.gov; Duke, Ronnie W MVN; kbalkum@wlf.la.gov; rcdavis@wlf.la.gov; Karl Morgan; Karl Leonards (DNR); Jamie Phillippe; Butler, Dave  
**Subject:** Re: EUA - 10 - 063/MVN-2010-01549-WJJ  
**Attachments:** EPA Comments on Twin Pipeline Spoil Bank Rehabilitation.doc

Bobby,

EPA's comments are attached. Thank you.

John Ettinger  
U.S. EPA Region 6  
[REDACTED]  
ettinger.john@epa.gov

-----"Quebedeaux, Bobby D MVN" <Bobby.D.Quebedeaux@usace.army.mil> wrote: -----

To: <jim\_boggs@fws.gov>, "Patti Holland (E-mail)" <Patti\_Holland@fws.gov>, "Patrick Williams" <Patrick.Williams@noaa.gov>, "Richard Hartman" <Richard.Hartman@noaa.gov>, <rachel.sweeney@noaa.gov>, John Ettinger/R6/USEPA/US@EPA, <Brad\_Rieck@fws.gov>, Barbara Keeler/R6/USEPA/US@EPA  
From: "Quebedeaux, Bobby D MVN" <Bobby.D.Quebedeaux@usace.army.mil>  
Date: 06/29/2010 04:46PM  
Cc: "Duke, Ronnie W MVN" <Ronnie.W.Duke@usace.army.mil>, "kbalkum@wlf.la.gov" <'kbalkum@wlf.la.gov'>, "rcdavis@wlf.la.gov" <'rcdavis@wlf.la.gov'>, "Karl Morgan" <Karl.Morgan@LA.GOV>, "Karl Leonards (DNR)" <Karl.Leonards@LA.GOV>, "Jamie Phillippe" <Jamie.Phillippe@LA.GOV>, "Butler, Dave" <dbutler@wlf.louisiana.gov>  
Subject: EUA - 10 - 063/MVN-2010-01549-WJJ

All,

Emergency authorization is requested, see attachment and email below (the co-applicants are Terrebonne Levee and Conservation District (TLCD), 220 A Clendenning Rd, Houma, LA 70363 and South Lafourche Levee District (SLLD), 17904 Hwy 3235, Galliano, LA, 70354). "The purpose is to construct a barrier against oil while the threat of oil intrusion exists", per agent- Mitch Marmande, T. Baker Smith.

Please review and send any comments by COB June 30. Thanks.  
Bobby

Bobby Quebedeaux  
Senior Environmental Resources Specialist

U.S. Army Corps of Engineers  
New Orleans District  
Regulatory Branch, Western Section

**U.S. Environmental Protection Agency  
Comments on Corps of Engineers Emergency Authorization Request  
EUA-10-063/MVN-2010-01549-WJJ**

**July 2, 2010**

The U.S. Environmental Protection Agency (EPA) recently received a proposal pursuant to NOD-20 which was transmitted by your office on June 29, 2010. The Terrebonne Levee and Conservation District and the South Lafourche Levee District are seeking authorization to rehabilitate the twin pipeline canal spoil bank as an oil spill response measure. EPA has reviewed the subject proposal and would like to submit the following comments. Given the potential adverse environmental impacts of the project, the unclear effectiveness of the proposal as an oil spill response measure, and the likely availability of less damaging alternatives, EPA objects to issuance of a permit for this proposed project.

The applicant has not provided sufficient information to adequately assess the proposed project, nor has any information been provided to support the implicit assertion that this project could be an effective oil spill response activity. Nevertheless, from the limited information provided, the proposed project raises both serious environmental concerns and we question the validity of this project as a viable oil spill response element.

The proposed project would rehabilitate the spoil bank that runs adjacent to and along the length of the twin pipeline canal. This and other such canals and spoil banks are widely regarded as having significant direct, indirect, and cumulative adverse impacts on Louisiana's coastal wetlands. These impacts include direct loss of wetlands due to dredging and placement of spoil material, and indirect and cumulative impacts including altered hydrology, saltwater intrusion, and habitat fragmentation. In rehabilitating a large-scale cross-basin spoil bank, this proposed project would contribute to and prolong the substantial direct, indirect, and cumulative long-term adverse impacts of this feature. Thus, in an effort to protect coastal wetlands from oil, the applicant is proposing to rehabilitate a spoil bank which itself has likely caused significant adverse impacts to coastal wetlands.

Oil and gas-related canals and spoil banks are likely among the three major human causes of large-scale wetland decline in coastal Louisiana (the other two being the levees on the Mississippi River and navigation channels such as MRGO). Gapping, degrading, and backfilling of canals and associated spoil banks is a prominent technique for mitigating to some extent the long-term system-wide adverse impacts such features have caused across coastal Louisiana. The proposal to rehabilitate a large-scale cross-basin spoil bank is contrary to such coastal restoration measures. Indeed, the proposal to rehabilitate a major spoil bank, such as twin pipeline, could in general be viewed as contrary to the fundamental goals of various coastal restoration plans and programs for Louisiana.

Rehabilitation of this particular spoil bank has been recommended as a potential oil spill response measure. However, the spoil bank appears to be located well inside a fairly extensive, albeit fragmented, marsh area. Even with such a project as proposed, much



coastal marsh would remain exposed to oil on the Gulf side of the twin pipeline spoil bank. Moreover, there are numerous relic ridges and artificial barriers in the area. The wetlands Gulf-ward of the twin pipeline canal and/or the aforementioned barriers would likely intercept much of the oil well before it might enter the general area of the proposed project.

Assuming that closing gaps along the twin pipeline canal spoil bank could possibly be an effective oil spill response strategy, there are likely to be significantly less environmentally damaging practicable alternatives. Boom is one such alternative. Unlike high-energy open Gulf waters, the spoil bank in question is relatively sheltered; thus lower wave energies should enhance the effectiveness and feasibility of booms. Unlike the proposed project, such booms could also be moved as the oil spill locations and trajectories change, as they constantly do. The use of a static barrier that is significantly inland of much coastal marsh does not seem to be responsive to the dynamic nature of this oil spill, nor does it respond to the urgent need of preventing oil from entering marsh complexes at the Gulf shoreline.

Furthermore, the applicant has provided no information or plan for dealing with oil which might end up captured by the proposed project. Unless such blocked oil is removed quickly and in an environmentally sensitive way, the proposed project would only serve to keep the oil in the middle of a large wetland complex, thereby exposing fish and wildlife that use this area.

We appreciate the opportunity to provide these comments. Thank you again for your continued coordination and prompt attention to these matters of serious mutual interest. If you would like to discuss this issue in more detail, please feel free to contact Mr. John Ettinger of our New Orleans office directly.

National Marine Fisheries Service  
Comments on an Emergency Permit Application by  
Terrebonne Parish for Authorization to Restore the Southern Embankment  
of the "Twin Pipelines" in Terrebonne Parish, Louisiana  
EUA - 10 - 063/MVN-2010-01549-WJJ

July 1, 2010

By electronic mail dated June 29, 2010, the U.S. Army Corps of Engineers, New Orleans District (NOD) requested natural resource agency review of an application by Terrebonne Parish for emergency authorization to place dredged material to fill openings in the southern embankment of a pipeline canal known as the "Twin Pipelines". The NOD is considering authorizing the proposed fill placement under General Permit NOD-20. The purpose of the proposed activity is to prevent or reduce potential oil intrusion into interior wetlands associated with the Deepwater Horizon incident.

Due to the limited time provided for agency review and response to the emergency authorization request, the National Marine Fisheries Service (NMFS) suggests that these comments be considered our initial comments on this project only and reserves the right to provide additional recommendations and permit conditions in response to other opportunities to do so. Those recommendations could be provided during our review of a response to agency comments developed by the applicant, our review of proposed permit special conditions provided to NMFS by NOD personnel, or when a formal permit application is processed within 30 days of permit issuance as required by provisions of General Permit NOD-20.

General Comments

- NMFS does not object to measures to protect the environment from oiling if oiling of a particular area is demonstrated to be a risk, and if the proposed measures are the least environmentally damaging and practicable alternative and are accomplished in a manner that avoids, minimizes, and then mitigates all unavoidable impacts to wetlands and other types of essential fish habitat (EFH).
- The purpose of the proposed activity is to protect interior marshes from oiling. Field observations to date and nearshore trajectory and shoreline outlook mapping suggest that oil intrusion presently is not a high risk for the proposed project area. Therefore, implementation of the proposed measures at this time may not be warranted as an emergency action.
- We question the efficacy of the proposal to reduce oil intrusion particularly for the vicinity around Catfish Lake. Years of reconnaissance level investigation of this area to assess coastal restoration alternatives that would reduce flow across the Twin Pipelines suggests that substantial flow occurs through the oil and gas canals west of Catfish Lake and through Grand Bayou Blue. Undeniably, the proposal would reduce

the exchange points, but flow velocities may become accelerated in these remaining major conduits, thereby continuing to allow oil intrusion if it becomes a threat.

- The efficacy of the proposal is limited due to the openings that would remain (e.g., existing access canals and bayous). It therefore is reasonably foreseeable that containment booms subsequently will be proposed for those openings remaining after project construction. Those openings are important for maintaining hydrology and associated water quality and fisheries passage. Although that foreseeable request would be addressed at the appropriate time, this is to advise that boom closures of the remaining openings should be contingent upon the imminent threat of oiling.
- The proposed borrow areas appear to be those areas delineated by the black lines located south of the southernmost Twin Pipeline bankline. These may be larger than necessary to provide the quantity of sediment necessary to construct the closures. The area dredged should be minimized to the maximum extent practicable to avoid direct impacts to water bottoms, hydrology, and associated slope failure losses of wetlands due to their close proximity to marsh.
- Access to the proposed closure sites by construction equipment and while relaying sediment from borrow areas may result in damage to marsh from tracked equipment.
- If constructed, the project could result in refurbishment of a cross basin impediment to wetland hydrology when coastal restoration efforts are striving to remove adverse impediments. NMFS is concerned that this could be a first step in piecemealing a cross-basin levee alignment for storm protection that has the potential of isolating thousands of acres of tidal habitats supportive of estuarine fisheries. Such cross basin storm protection proposals for the project vicinity have been made under the Morganza to the Gulf Hurricane Protection project and the Louisiana Coastal Protection and Restoration Study. Although initial adverse hydrologic impacts will be minimal under this emergency authorization due to the maintenance of some openings, there is long term risk of proposals that close these remaining openings in some manner. Understandably, any such future proposal will be evaluated on a case-by-case basis, but the stand alone merits of a future proposal to close the remaining gaps would be improved by refurbishment of the cross-basin barrier.

#### Specific Comments

The need for emergency authorization of the project should be demonstrated. If such need is appropriately demonstrated, consideration should be given to minimization of project impacts, and implementation of lesser damaging and practicable alternatives should be evaluated prior to permit issuance. This should include reducing the size of the proposed borrow areas to the maximum extent possible.

If the NOD determines that emergency authorization for this project is warranted, NMFS recommends the following conditions be included in any permit issued for this project. These comments are provided under the authority of the EFH provisions of the

Magnuson-Stevens Fishery Conservation and Management Act and the Fish and Wildlife Coordination Act.

1. Project construction shall be contingent upon demonstrated oiling risk to be obtained by the NOD from observed and trajectory mapping from the Unified Command Center. If oiling of the area becomes no longer a risk during construction, all related construction efforts shall be terminated.
2. No dredging for flotation or equipment access is authorized.
3. No placement of fill on marsh is authorized. Fill should be placed in open water areas only.
4. Tracking of marsh by equipment for access or during construction shall not be allowed unless approved by the NOD through coordination with the natural resource agencies.
5. If access corridors across marsh are authorized, pre- and post-construction monitoring shall be required to quantify the amount of permanent marsh impacts. Minimum monitoring shall consist of ground and aerial photographs sufficient in number and scale to determine the amount of marsh impact. Post-construction monitoring shall be one complete growing season after project construction. Monitoring reports shall include all data including the location of the photographs plotted on a plan view map. Reports shall be provided to the NOD, NMFS, and other interested natural resource agencies.
6. Mitigation shall be required for all unavoidable impacts to wetlands. An acceptable amount and type of mitigation shall be required through coordination with NMFS and other interested natural resource agency.
7. If wetlands are impacted by construction activities, the permittee shall develop an acceptable mitigation plan to ensure compensation for all unavoidable adverse impacts. Development of that mitigation plan shall be coordinated with NMFS and other interested natural resource agencies. Implementation of the mitigation shall occur within one year of the post-construction monitoring.

## Quebedeaux, Bobby D MVN

---

**From:** Richard Hartman [Richard.Hartman@noaa.gov]  
**Sent:** Friday, July 02, 2010 12:19 PM  
**To:** Quebedeaux, Bobby D MVN; Miles Croom; patrick.williams; Rachel Sweeney; Patti Holland (E-mail); john ettinger  
**Subject:** Re: EUA - 10 - 063/MVN-2010-01549-WJJ  
**Attachments:** NMFS comments on Terrebonne parish Twin Pipelines final.docx

Bobby - NOAA's National Marine Fisheries Service comments are attached.

Rick

Quebedeaux, Bobby D MVN wrote:

> All,  
> Emergency authorization is requested, see attachment and email below  
> (the co-applicants are Terrebonne Levee and Conservation District  
> (TLCD), 220 A Clendenning Rd, Houma, LA 70363 and South Lafourche  
> Levee District (SLLD),  
> 17904 Hwy 3235, Galliano, LA, 70354). "The purpose is to construct a  
> barrier against oil while the threat of oil intrusion exists", per  
> agent- Mitch Marmande, T. Baker Smith.  
>  
> Please review and send any comments by COB June 30. Thanks.  
> Bobby  
>  
> Bobby Quebedeaux  
> Senior Environmental Resources Specialist  
>  
> U.S. Army Corps of Engineers  
> New Orleans District  
> Regulatory Branch, Western Section  
> (504) 862-2224 office  
> (504) 862- 2574 fax  
> <http://www.mvn.usace.army.mil/ops/regulatory/index.asp>  
>  
> -----Original Message-----  
> From: Karl Leonards (DNR) [mailto:Karl.Leonards@LA.GOV]  
> Sent: Monday, June 28, 2010 2:32 PM  
> To: Quebedeaux, Bobby D MVN  
> Subject: FW: EUA - 10 - 063  
>  
>  
>  
> -----Original Message-----  
> From: Karl Leonards (DNR)  
> Sent: Wednesday, June 23, 2010 1:05 PM  
> To: 'Butler, Dave'; 'kbalkum@wlf.la.gov'; 'rcdavis@wlf.la.gov';  
> 'mweigel@wlf.la.gov'; Kenneth Bahlinger; Andrew Beall; Brad Miller  
> Cc: Karl Morgan; Kirk Kilgen; Rod Pierce  
> Subject: FW: EUA - 10 - 063  
>  
>  
>  
> Please provide comments for EUA - 10 - 063. The applicant proposes to  
> fill numerous breaks in the levee to protect wetlands in both

## Twin Pipelines Barrier Project

The Fish and Wildlife Service (Service) has reviewed the subject NOD-20 proposal transmitted by your office on June 29, 2010. The Terrebonne Levee and Conservation District and the South Lafourche Levee District are proposing to construct a barrier along existing canal banks for the purpose of blocking oil migration. The Service is submitting the following comments in accordance with the Fish and Wildlife Coordination Act (48 Stat. 401, as amended; 16 U.S.C. 661 et seq.).

The proposal does not provide any details regarding the method of installation, nor does it describe the habitat characteristics of the areas where the barriers would be installed and the impacts associated with the proposed work. Complete closure of the canals via spoil bank refurbishment will directly eliminate vegetated wetlands, will disrupt natural hydrologic processes, and will restrict fisheries ingress and egress in the basin. Furthermore, the proposed cross-basin blockage is contradictory to coastal restoration goals to restore natural flow.

There is no information that supports the proposed activity as a necessary project for oil spill response. There are miles of coastal wetlands between the proposed features and the oiled coast line, and we have not been informed that the National Incident Command is recommending this project.

While the Service supports efforts to prevent oil contamination in coastal wetlands, we believe that there are less-damaging alternatives available in low-energy inner marsh areas such as this. Those alternatives include booms, hay bales, and HESCO baskets to name a few.

Because the proposed project has the potential to negatively affect coastal wetlands, and because less-damaging alternatives are available, the Service recommends that the Corps not issue an emergency permit for the proposed project. The Service would be willing to review alternative measures should the applicant's choose to re-evaluate this project. If less-damaging measures to block oil flow in this area are ultimately authorized, the Service strongly recommends the removal of all barriers after the threat of oil is over.

Thank you for the opportunity to provide these comments. Please contact me at the number below if you have any questions regarding our input.

Patti Holland

U.S. Fish and Wildlife Service  
646 Cajundome Blvd., Ste. 400  
Lafayette, La 70506


## Quebedeaux, Bobby D MVN

---

**From:** Patti\_Holland@fws.gov  
**Sent:** Friday, July 02, 2010 10:21 AM  
**To:** Quebedeaux, Bobby D MVN  
**Cc:** jim\_boggs@fws.gov; Patti Holland (E-mail); Patrick Williams; Richard Hartman; rachel.sweeney@noaa.gov; Ettinger.John@epamail.epa.gov; Brad\_Rieck@fws.gov; keeler.barbara@epa.gov; Duke, Ronnie W MVN; kbalkum@wlf.la.gov; rcdavis@wlf.la.gov; Karl Morgan; Karl Leonards (DNR); Jamie Phillippe; Butler, Dave  
**Subject:** Re: EUA - 10 - 063/MVN-2010-01549-WJJ  
**Attachments:** Twin Canal Barrier.docx

Attached are the Service's comments

Patti Holland

  
U.S. Fish and Wildlife Service  
646 Cajundome Blvd., Ste. 400  
Lafayette, La 70506



BOBBY JINDAL  
GOVERNOR

## State of Louisiana

DEPARTMENT OF WILDLIFE AND FISHERIES  
OFFICE OF WILDLIFE

ROBERT J. BARMAN  
SECRETARY

JIMMY L. ANTHONY  
ASSISTANT SECRETARY

June 30, 2010

Mr. Pete J. Serio, Chief  
Regulatory Branch  
United States Army Corps of Engineers  
P. O. Box 60267  
New Orleans, LA 70160-0267

RE: *Application Number: MVN-2010-1549-WJJ (Emergency Use Authorization)*  
*Applicant: Terrebonne Levee and Conservation District &*  
*South Lafourche Levee District*  
*Notice Date: June 29, 2010*

Dear Mr. Serio:

The professional staff of the Louisiana Department of Wildlife and Fisheries (LDWF) has reviewed the above referenced emergency activity. Based upon this review, the following has been determined:

According to the New Orleans District, Corps of Engineers, the proposed spoil bank restoration constitutes an emergency; therefore, LDWF will not object to the issuance of an emergency use authorization.

However, LDWF recommends that historic bayous and sloughs be left open and unplugged. The proposed EUA proposed to plug Grand Bayou Blue, Bayou Felicity, and Bayou LaCroix. The closing of Grand Bayou Blue may be especially problematic, and if this is allowed to occur, regulatory agencies should closely monitor the project for secondary impacts such as increased erosion rates due to higher flow rates within the vicinity of openings, reduced movement of estuarine organisms, impoundment of water, etc.

Once the threat of oil has subsided, the applicant should be required to immediately restore openings at all natural bayous and sloughs along the project alignment.

LDWF requests that the applicant notify each oyster lease holder affected within 500 feet of the proposed activity prior to commencement of the proposed activity.



Page 2

Application Number: MVN-2010-1549-WJJ

June 30, 2010

The Louisiana Natural Heritage Database indicates the presence of bird nesting colonies within one mile of this proposed project. If the project will be occurring during the nesting season (Feb 16<sup>th</sup>-Sept. 15<sup>th</sup>) please consult with the Louisiana Natural Heritage Program Ornithologist, Michael Seymour, at [REDACTED].

The Louisiana Department of Wildlife and Fisheries appreciates the opportunity to review and provide recommendations to you regarding this proposed activity. Please do not hesitate to contact Habitat Section biologist Chris Davis at [REDACTED] should you need further assistance.

Sincerely,



Jimmy L. Anthony  
Assistant Secretary

cd/cm

c: Chris Davis, Biologist  
Carolyn Michon, Biologist



Bobby Jindal  
Governor

State of Louisiana  
Department of Wildlife & Fisheries

Robert J. Barham  
Secretary

June 29, 2010

Karl Morgan, Administrator  
Louisiana Department of Natural Resources  
Coastal Management Division  
P.O. Box 44487  
Baton Rouge, LA 70804-4487

RE: *Application Number: Emergency Use Authorization 10-063 (EUA-10-063)*  
*Applicant: Terrebonne Levee and South Lafourche Conservation Districts*  
*Notice Date: June 23, 2010*

Dear Mr. Morgan:

The professional staff of the Louisiana Department of Wildlife and Fisheries (LDWF) has reviewed the notice referenced above. The following recommendations have been provided by the appropriate biologist(s):

**Ecological Studies:**

According to the Louisiana Department of Natural Resources (LDNR) Coastal Management Division, the proposed spoil bank restoration constitutes an emergency; therefore, Ecological Studies will not object to LDNR's issuance of an emergency use authorization.

Ecological Studies recommends that historic bayous and sloughs be left open and unplugged. The proposed EUA proposed to plug Grand Bayou Blue, Bayou Felicity, and Bayou LaCroix. The closing of Grand Bayou Blue may be especially problematic, and if this is allowed to occur, regulatory agencies should closely monitor the project for secondary impacts such as increased erosion rates due to higher flow rates within the vicinity of openings, reduced movement of estuarine organisms, impoundment of water, etc.

Once the threat of oil has subsided, the applicant should be required to immediately restore openings at all natural bayous and sloughs along the project alignment.

Ecological Studies requests that the applicant notify each oyster lease holder affected within 500 feet of the proposed activity prior to commencement of the proposed activity.

**Louisiana Natural Heritage Program:**

Our database indicates the presence of bird nesting colonies within one mile of this proposed project. **Please be aware that entry into or disturbance of active breeding colonies is prohibited by the Louisiana Department of Wildlife and Fisheries (LDWF). In addition, LDWF prohibits work within a certain radius of an active nesting colony.**

Nesting colonies can move from year to year and no current information is available on the status of these colonies. If work for the proposed project will commence during the nesting season, conduct a field visit to the worksite to look for evidence of nesting colonies. This field visit should take place no more than two weeks before the project begins. If no nesting colonies are found within 400 meters (700 meters for brown pelicans) of the proposed project, no further consultation with LDWF will be necessary. If active nesting colonies are found within the previously stated distances of the proposed project, further consultation with LDWF will be required. In addition, colonies should be surveyed by a qualified biologist to document species present and the extent of colonies. Provide LDWF with a survey report which is to include the following information:

1. qualifications of survey personnel;
2. survey methodology including dates, site characteristics, and size of survey area;
3. species of birds present, activity, estimates of number of nests present, and general vegetation type including digital photographs representing the site; and
4. topographic maps and ArcView shapefiles projected in UTM NAD83 Zone 15 to illustrate the location and extent of the colony.

Please mail survey reports on CD to: Louisiana Natural Heritage Program  
La. Dept. of Wildlife & Fisheries  
P.O. Box 98000  
Baton Rouge, LA 70898-9000

To minimize disturbance to colonial nesting birds, the following restrictions on activity should be observed:

- For colonies containing nesting wading birds (i.e., herons, egrets, night-herons, ibis, roseate spoonbills, anhingas, and/or cormorants), all project activity occurring within 300 meters of an active nesting colony should be restricted to the non-nesting period (i.e., September 1 through February 15).

- For colonies containing nesting gulls, terns, and/or black skimmers, all project activity occurring within 400 meters (700 meters for brown pelicans) of an active nesting colony should be restricted to the non-nesting period (i.e., September 16 through April 1).

Page 3

Application Number: *Emergency Use Authorization 10-063 (EUA-10-063)*

June 29, 2010

The Louisiana Department of Wildlife and Fisheries appreciates the opportunity to review and provide recommendations to you regarding this proposed activity. Please do not hesitate to contact LDWF Permits Coordinator Dave Butler at [REDACTED] should you need further assistance.

Sincerely,

Jimmy Anthony  
Assistant Secretary

mw/bg

c: Matthew Weigel, Biologist  
Beau Gregory, Biologist