



LOUISIANA NATURAL AND SCENIC RIVERS SYSTEM

PERMIT APPLICATION

Permit # 924 (Assigned by Department)

The Louisiana Department of Wildlife and Fisheries' Scenic Rivers program is authorized by LRS title 56, Chapter 9 Part II. This law requires permits authorizing activities in or affecting rivers that have been designated by the Louisiana Legislature as Natural and Scenic. Information provided on this form will be used in evaluating the application for a permit. Information in this application is made a matter of public record through issuance of a public notice. Disclosure of the information requested is voluntary, however, the data requested are necessary in order to communicate with the applicant and to evaluate the permit application. If necessary information is not provided, the permit application cannot be processed nor can a permit be issued.

APPLICANT INFORMATION

Name of Applicant PennTex North Louisiana, LLC	Name of Agent (if any) Providence
Address Attn: Ms. Dawn Coufal	Address Attn: Mr. Ryan Coleman
Address 11931 Wickchester Lane, Suite 300	Address 1201 Main Street
City, State, Zip Houston, TX 77043	City, State, Zip Baton Rouge, LA 70802
Phone (832) 456-4042	Phone (225) 766-7400

DESCRIPTION OF THE PROPOSED ACTIVITY

Brief summary of the description and purpose of the proposed activity (details to be attached as a separate document)

Ten-inch pipeline crossing of Saline Bayou via horizontal directional drill near Bear Creek, LA.

Is any portion of the activity complete? YES NO X (If yes indicate month and year of completion)

LOCATION OF PROPOSED ACTIVITY

Stream Name	Saline Bayou	Names, Addresses, Phone Numbers of Adjacent Property Owners
Parish	Bienville	See attached
Section	36	
Township	17 North	
Range	06 West	
Latitude/Longitude	Lat. 32° 24' 39.65"N; Long. 92° 56' 30.35"W	

ENVIRONMENTAL ASSESSMENT

Must be a separate document. See the attached instruction sheet for completing the assessment.

CONFIRMATION OF INFORMATION ACCURACY

Application is hereby made for a Scenic River Use Permit to authorize the activities described herein. I certify that I am familiar with the information contained in this application, and that, to the best of my knowledge and belief, such information is true, complete, and accurate. I further certify that I possess the authority to undertake the proposed activities, or I am acting as the duly authorized agent of the applicant.

Dawn Coufal
Signature

2/27/15
Date

FEBRUARY 2015

**PENNTEx NORTH LOUISIANA, LLC
15-MILE NGL EXTENSION PIPELINE PROJECT
BIENVILLE PARISH, LOUISIANA**



**LOUISIANA NATURAL
AND SCENIC RIVERS
SYSTEM PERMIT
APPLICATION**

**LOUISIANA DEPARTMENT OF
WILDLIFE AND FISHERIES,
SCENIC RIVERS PROGRAM**

Prepared By:

**Providence Engineering and
Environmental Group LLC**

1201 Main Street

Baton Rouge, Louisiana 70802

(225) 766-7400

www.providenceeng.com

Project Number 974-024





PROVIDENCE

February 27, 2015

VIA ELECTRONIC MAIL

Mr. Chris Davis
Louisiana Department of Wildlife and Fisheries
Scenic Rivers Program
2000 Quail Drive, Room 432
Baton Rouge, LA 70898-9000

Re: Louisiana Natural and Scenic Rivers System Permit Application
PennTex North Louisiana, LLC
15-Mile NGL Extension Pipeline Project
Bienville Parish, Louisiana
Providence Project No. 974-026

Dear Mr. Davis:

On behalf of PennTex North Louisiana, LLC, Providence submits this Louisiana Natural and Scenic Rivers System Permit Application requesting authorization for the above-referenced project to horizontal directional drill Saline Bayou near Bear Creek, Bienville Parish, Louisiana.

Should you have any questions in regards to this application, or require additional information, please contact me at (225) 766-7400 or via email at ryancoleman@providenceeng.com.

Sincerely,

Ryan Coleman
Sr. Environmental Scientist / Project Manager
Providence Engineering and Environmental Group LLC
1201 Main Street
Baton Rouge, LA 70802

Encl: As stated

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- 1 Plan, Location Map, and Profile

LIST OF EXHIBITS

Exhibit

- A Louisiana Natural and Scenic Rivers System Permit Application (Form #LSR3)
- B List of Adjacent Landowners
- C Copies of Site Photographs
- D Legal Agreement

1.0 PROJECT LOCATION AND DESCRIPTION

On behalf of PennTex North Louisiana, LLC (PennTex), Providence is submitting this Louisiana Natural and Scenic Rivers System permit application requesting authorization to horizontal directional drill (HDD) Saline Bayou approximately 1.4 miles east of Bear Creek, Louisiana.

PennTex proposes to extend an existing ten-inch-diameter natural gas liquids (NGL) pipeline to an interconnect along two pipeline systems near Sailes, Louisiana. The Saline Bayou crossing is centered at approximate Lat. 32°24'39.66"N; Long. 92°56'30.35"W in Section 36, T17N-R6W of Bienville Parish, Louisiana. PennTex is proposing to HDD approximately 3,450 linear feet of 10-inch-diameter pipeline beneath Saline Bayou. North American Datum 1983 coordinates for the HDD's entry and exit points are at approximate 32°24'39.73"N; Long. 92°56'07.79"W and approximate Lat. 32°24'39.57"N; Long. 92°56'48.03"W, respectively. The depth of the proposed HDD will be a minimum 30 feet below the thalweg of Saline Bayou. Mainline valves to isolate the crossing of Saline Bayou will be installed at the intersection of the right-of-way (ROW) with Bear Creek Road and at the intersection of the ROW with Parish Road 163 (Jot Em Down Road). Approximately 1,760 linear feet along the east bank and approximately 1,000 linear feet along the west bank of Saline Bayou will remain vegetated upon the project's completion. No mowing or maintaining of the permanent ROW will occur within the approximate 2,760-foot vegetated buffer. **Figure 1** shows the proposed work in greater detail.

2.0 LOCAL, STATE, AND FEDERAL PERMITS

Other federal and state resource and regulatory agencies involved with the proposed project include:

U.S. Army Corps of Engineers Vicksburg District 4155 Clay Street Vicksburg, Mississippi 39183-3435	Nationwide Permit 12	(Pending)
U.S. Fish and Wildlife Service Louisiana Ecological Services 646 Cajundome Boulevard Lafayette, Louisiana 70506	Section 7 Concurrence	(Pending)
Louisiana Office of Cultural Development State Historic Preservation Officer P.O. Box 44247 Baton Rouge, LA 70804-44247	Section 106 Concurrence	(Pending)

3.0 ENVIRONMENTAL ASSESMENT

3.1 Existing Land Use

Existing land use adjacent to Saline Bayou is restricted to bottomland hardwood forests. Several well pads are within close proximity to the proposed crossing; however, the predominant land use is typical of bottomland hardwood forest habitat.

3.2 Historical and Archaeological Sites

Cultural Resources Analyst, Inc. (CRA) completed a cultural resources survey and file review for the proposed project. However, as of the date of this submittal, the results of their survey are pending. A copy of the final report detailing CRA's findings will be provided to the Louisiana Office of Cultural Development, State Historic Preservation Officer, and the U.S. Army Corps of Engineers, Vicksburg District (USACE).

3.3 Economic Impact of Project

The proposed crossing of Saline Bayou does not pose any long-term economic changes to the surrounding communities. The proposed crossing is sited within a rural area of Bienville Parish. Therefore, no economic impact is anticipated to occur as a result of the proposed project.

3.4 Wilderness/Rural Quality

No permanent impacts to the wilderness or rural quality will occur as a result of the proposed scope of work. PennTex has designed the project to avoid impacts to the aesthetic integrity of Saline Bayou. No mowing or maintaining of the permanent ROW will occur within an approximate 2,760-foot vegetated buffer.

3.5 Scenic/Aesthetic Value

Activities within the project area may temporarily impact scenic quality due to the presence of the drill rig and associated equipment. However, the proposed project is within a rural area of Bienville Parish and there will be no permanent adverse impacts to the aesthetic qualities of Saline Bayou.

3.6 Recreational Use Opportunities

Access to, and recreational uses of, Saline Bayou will not be adversely affected. The proposed project will result in no impacts to recreational uses and opportunities along Saline Bayou.

3.7 Ecological Systems Present

Construction will have only minor effects on the ecological balance in the project area. Any disruption of the ecology in the immediate area will be minimal and temporary. Areas of disturbance within close proximity to the HDD entry and exit points are expected to naturally re-vegetate.

3.8 Fish and Wildlife in the Area

No significant wildlife species or habitats were identified by Providence's biologists within the project area. Recreational fish species present in Saline Bayou may include: alligator gar (*Atractosteus spatula*), spotted gar (*Lepisosteus oculatus*), bluegill (*Lepomis macrochirus*), redear sunfish (*Lepomis microlophus*), black crappie (*Pomoxis nigromaculatus*), white crappie (*Pomoxis annularis*), and largemouth bass (*Micropterus salmoides*). Recreational game species adjacent to Saline Bayou may include: white-tailed deer (*Odocoileus virginianus*), feral hog (*Sus scrofa*), eastern grey squirrel (*Sciurus carolinensis*), eastern fox squirrel (*Sciurus niger*), eastern cottontail rabbit (*Sylvilagus*

floridanus), and wild turkey (*Meleagris gallopavo*). Migratory bird species supported by Saline Bayou may include: wood duck (*Aix sponsa*), mallard (*Anas platyrhynchos*), gadwall (*Anas strepera*), green-winged teal (*Anas carolinensis*), blue-winged teal (*Anas discors*), and mourning dove (*Zenaida macroura*). Non-game migratory bird species such as thrushes, warblers, sparrows, and raptors may also occur within, or adjacent to, Saline Bayou. No permanent impacts to these species or their habitats will be associated with the proposed project.

In conjunction with a wetland delineation, Providence, on behalf of PennTex, conducted a threatened and endangered species survey for the proposed project. No threatened and/or endangered species or their critical habitats were identified during the survey. Based on location, scope, and timing of the proposed project, as well as field observations, it appears that the project will have no effect on species listed as threatened and/or endangered. The requisite *Threatened and Endangered Species Survey Report* is currently being drafted and will be provided to the U.S. Fish and Wildlife Service, Louisiana Ecological Services, and the USACE for review upon its completion.

3.9 Botanical Elements

Dominant plant species identified within the vicinity of Saline Bayou include: southern baldcypress (*Taxodium distichum*), water oak (*Quercus nigra*), swamp chestnut oak (*Quercus michauxii*), cherry-bark oak (*Quercus pagoda*), American elm (*Ulmus americana*), sweet gum (*Liquidambar styraciflua*), American beech (*Fagus grandifolia*), American holly (*Ilex opaca*), southern dewberry (*Rubus trivialis*), and horsebrier (*Smilax rotundifolia*).

3.10 Geological Features

The project area is within Major Land Resource Area (MLRA) 133B, Western Coastal Plain. Geology of the Western Coastal Plain consists of Tertiary and Cretaceous marine sediments which underlie most of the MLRA. The Tertiary units of the MLRA include the Wilcox and Midway Groups, the Claiborne Group, the Jackson Group, the Catahoula Formation, and the Willis Formation. These formations consist of interbedded sandstone, siltstone, and shale and unconsolidated sands, silts, and clays. The Reklaw and Weches Formations in the Claiborne Group form the Redland area in east Texas. The Cretaceous marine sediments of the Fleming and Oakville Formations are of minor extent within the MLRA and consist of calcareous clays and marls. Sand, silt, and clay alluvium underlie the flood plains and terraces along major drainages. No permanent impacts to geology or topography are expected to occur as a result of the proposed project.

3.11 Hydrological Features

No alterations to the hydrological features (channelization or channel realignment) of Saline Bayou will result from the proposed project.

3.12 Water Quality/Quantity

Best management practices will be implemented and maintained during construction to limit suspended sediments from entering Saline Bayou as well as any other jurisdictional waterbody. The project area will be kept clean and clear of debris. Significant adverse

impacts to the water quality of Saline Bayou are not anticipated. Available water quantity within Saline Bayou will be neither increased nor decreased.

4.0 SCENIC RIVER ACT COMPLIANCE HISTORY STATEMENT

PennTex has not been cited for a violation of the Louisiana Scenic Rivers Act.

5.0 MINIMIZATION EFFORTS

PennTex has designed the proposed project to minimize environmental impacts. PennTex proposes to HDD Saline Bayou to a minimum depth of 30 feet below the thalweg and agrees not to permanently maintain/mow their permanent ROW within an approximate 2,760-foot vegetated buffer.

6.0 PROJECT ALTERNATIVES

Project alternatives assessed include build and no-build alternatives. PennTex is currently constructing a ten-inch-diameter NGL pipeline that extends from their Lincoln Parish Gas Plant to an interconnect along an existing pipeline system northeast of Bienville, Louisiana. Due to contractual reasons, however, PennTex's counterparty is unable to accept NGLs at this time. As a result, PennTex proposes to construct a ten-inch-diameter, 15-mile extension of the aforementioned pipeline for distribution and further processing and fractionation of a marketable product. The no-build alternative does not address the project's purpose and need.

7.0 FEE AND OTHER CHARGES

A check in the amount of \$100.00 for the application fee is included with this submittal. The site visit and field evaluation fee in the amount of \$135.00/day will be provided should a site inspection be required.

8.0 CONCLUSIONS

Based on the described scope of work and the referenced environmental considerations, it is the position of PennTex that the crossing of Saline Bayou via HDD will result in no permanent adverse impacts. The requisite Response Plan for the project is currently being drafted and will be provided to your office upon its completion.



State of Louisiana

BOBBY JINDAL
GOVERNOR

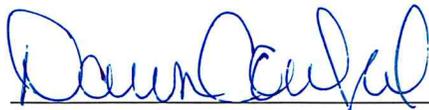
DEPARTMENT OF WILDLIFE AND FISHERIES

ROBERT J. BARHAM
SECRETARY

Dear Scenic River Permit Applicant:

Please review and concur on the following statement regarding the issuance of permits by the Louisiana Department of Wildlife and Fisheries. This agreement must be signed and returned before a Scenic River Permit can be issued.

"I have been advised and do understand that by applying for and accepting a Scenic Rivers permit issued by the Louisiana Department of Wildlife and Fisheries, I am being allowed to engage in an activity which would otherwise be prohibited by law or for which a permit is required. I understand that the permit is not a license and confers no property right upon me. I specifically agree to abide by all State and Federal fish and wildlife laws and regulations, and all State and Federal laws and regulations which relate to this permit or the permitted activity, and by all other terms and conditions of this permit. I understand that the permit for which I am applying may be suspended, annulled, withdrawn or revoked and that I may be assessed civil penalties, all in accordance with the provision of the Louisiana Administrative Procedure Act, and that I may be denied future permits as a consequence of my failure to fully and completely comply with the terms and conditions of the permit, as well as other laws and regulations pertinent thereto. If served with or notified of a cease and desist order signed by the Scenic Rivers Administrator, I agree to immediately and without delay cease all activities and operations which relate to the permitted activity or which are impacting the Scenic River, until such time as the matter can be resolved in an adjudicatory hearing pursuant to the Louisiana Administrative Procedure Act. I understand and agree that any permit issued to me by the Louisiana Department of Wildlife and Fisheries is in the nature of a privilege which is being voluntarily extended to me by the Department and the failure on my part to cooperate with the Department can result in the loss of the privilege conferred and the denial of future requests for permits. By accepting this permit, I evidence my agreement to be bound by all conditions and stipulations set forth herein."



Authorized Signature



Date

REV. 12/7/98

LIST OF ADJACENT LANDOWNERS

Louisiana Minerals, LTD.
1221 McKinney Street, Suite 3700
Houston, TX 77010
Phone: (713) 209-1111

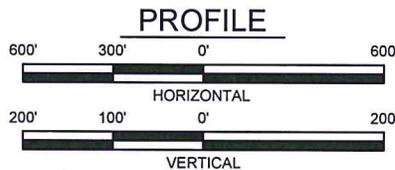
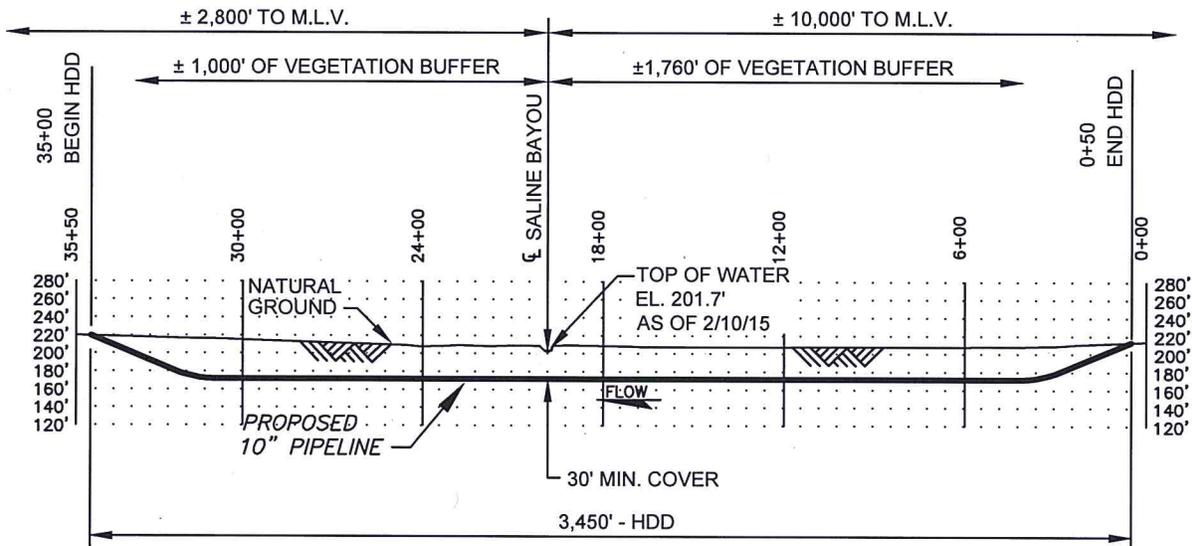
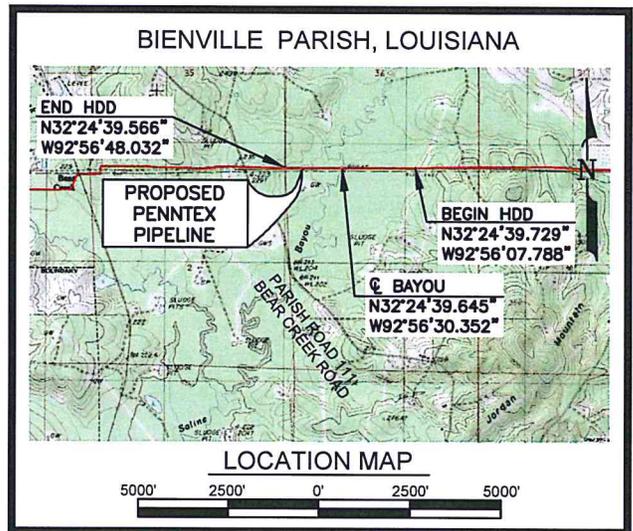
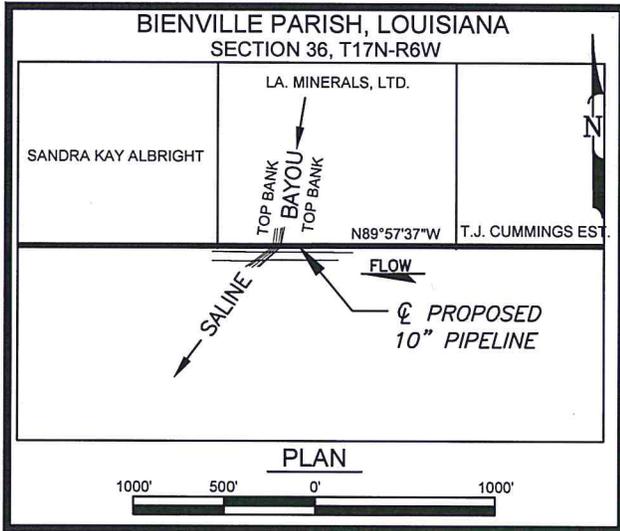
Cummings, T.J. EST.
1221 Oilfield Road
Dubach, LA 71235-2917
Phone: (318) 777-8589

Albright, Sandra Kay
5406 Tennessee Road
Texarkana, AR 71854
Phone: (870) 772-8933

Edmiston, Janice B.
8560 Hwy 518
Homer, LA 71040-5671
Phone: (318) 927-9466

Boatner, James T., et al
9947 Gordon Road
Bethany, LA 71007
Phone: (318) 347-9654

S.H. Loe Oil Corporation
P.O. Box 248
Tullos, LA 71479
Phone: (318) 534-6585



PREPARED BY: HUNT, GUILLOT & ASSOCIATES, L.L.C.

APPLICATION BY: PENNTEX NORTH LOUISIANA

10" PIPELINE
CROSSING THE
SALINE BAYOU
NEAR THE TOWN OF ARCADIA
BIENVILLE PARISH, LOUISIANA

DATE _____

DWN. SDP	DATE 02-12-15	THIS PIPELINE TO BE USED TO TRANSPORT NATURAL GAS LIQUIDS FROM LINCOLN PARISH, LOUISIANA TO BIENVILLE PARISH, LOUISIANA	PENNTEX NORTH LOUISIANA	
SCALE AS SHOWN	APP.D. HLM		HOUSTON,	TEXAS
CHK'D. REB	APP'D.		REV. NO. 3	DWG. NO. 7.J14044.05-PMT-101 1 OF 1

PENNTEX NORTH LOUISIANA, LLC

Site Name: 15-Mile NGL Extension Pipeline Project

Site Location: Saline Bayou, Bienville Parish, Louisiana

Date: February 10, 2015

Photograph #1

Direction:

North

Comments:

Upstream view of Saline Bayou along the eastern bank at proposed crossing.



Photograph #2

Direction:

South

Comments:

Downstream view of Saline Bayou along the eastern bank at proposed crossing.



PENNTEX NORTH LOUISIANA, LLC

Site Name: 15-Mile NGL Extension Pipeline Project

Site Location: Saline Bayou, Bienville Parish, Louisiana

Date: February 10, 2015

Photograph #3

Direction:

West

Comments:

View of habitat and typical landscape features within 100 feet from eastern bank of Saline Bayou.



Photograph #4

Direction:

East

Comments:

View of habitat and typical landscape features within 100 feet from western bank of Saline Bayou.



PENNTEX NORTH LOUISIANA, LLC

Site Name: 15-Mile NGL Extension Pipeline Project

Site Location: Saline Bayou, Bienville Parish, Louisiana

Date: February 10, 2015

Photograph #5

Direction:

West

Comments:

View of Saline Bayou along eastern bank within existing right-of-way south of proposed crossing location.



Photograph #6

Direction:

East

Comments:

View of Saline Bayou along western bank within existing right-of-way south of proposed crossing location.

