

APPENDIX B
SITE PHOTOGRAPHS

The following photographs are representative of the general area of the proposed brine disposal pipeline. Unless noted, the photographs reflect the project area from north to south.



View looking east at the temporary construction area near the northern project limits.



View looking north from Johnny Benoit Road.



View looking south from the temporary construction area.



View looking south from Johnny Benoit Road.



View looking south from Black Lake Road.



Zoomed view looking south from Johnny Benoit Road.



Zoomed view looking north from West Main Street.



View looking north from Johnson Lane.



View looking north from West Main Street.



View looking south from the wooded area east of Johnson Lane.



View looking south from West Main Street.



Another view looking south from the wooded area east of Johnson Lane.



View looking south toward the wooded area of the Hackberry Recreation Area.



View looking southwest through the wooded area of the Hackberry Recreation Area.



View looking south at the wooded area of the Hackberry Recreation Area.



View looking south; the Hackberry Recreation Area is located on the left side of the photograph.



View looking southwest through the wooded area of the Hackberry Recreation Area.



View looking south.



View looking south approaching the wetland area located north of Maggie Hebert Road.



View looking south from the wetland area located north of Maggie Hebert Road.



Another view looking south approaching the wetland area located north of Maggie Hebert Road.



View looking north from Maggie Hebert Road.



Reverse view of the previous photograph. View looking north at the wetland area located north of Maggie Hebert Road.



View looking south from Maggie Hebert Road.



View of a typical sign located along the existing brine disposal pipeline.



View looking south.



View looking south, south of Maggie Hebert Road.



View looking south.



View looking south.



View looking south.



View looking southeast.



View looking northwest from the southern end of the project limits.



View looking southeast.

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View looking southeast.

APPENDIX C

AGENCY INFORMATION AND CORRESPONDENCE

Notice of Proposed Wetlands Involvement for Proposed Brine Disposal Pipeline Replacement Project at the Strategic Petroleum Reserve West Hackberry Facility, Hackberry, Louisiana

Intent to Prepare Environmental Assessment Resource Agency Coordination List for the Proposed West Hackberry Brine Disposal Pipeline Project

Intent to Prepare Environmental Assessment Letter and Map (dated August 2, 2016)

West Hackberry Brine Disposal Pipeline Resource Agency Intent to Prepare Environmental Assessment Communication Log

Public Notices and Affidavits (American Press and Cameron Pilot)

Resource Agency Coordination List and Emails to Resource Agencies for the Proposed West Hackberry Brine Disposal Pipeline Project Notice of Availability of an Environmental Assessment (December 12, 2016)

Adjacent Property Owners Cover Letters for the Proposed West Hackberry Brine Disposal Pipeline Project Notice of Availability of an Environmental Assessment and Public Review Period (December 12, 2016)

Agency/Public Comments and Comment/Response Summary

APPENDIX C

**AGENCY INFORMATION AND
CORRESPONDENCE**

**Notice of Proposed Wetlands Involvement for Proposed Brine Disposal Pipeline
Replacement Project at the Strategic Petroleum Reserve West Hackberry Facility,
Hackberry, Louisiana**

Notice of Proposed Wetlands Involvement for the Proposed Brine Disposal Pipeline Replacement Project at the Strategic Petroleum Reserve West Hackberry Facility, Hackberry, Louisiana

Agency: U.S. Department of Energy Strategic Petroleum Reserve

Action: Notice of Floodplains and Wetlands Involvement

Summary: This notice announces the U.S. Department of Energy's (DOE's) intention to prepare an Environmental Assessment (EA) on a proposed action involving the proposed brine disposal pipeline replacement project.

The purpose of the proposed project would be to replace an existing brine disposal pipeline which is functionally obsolete. The proposed project would involve the installation of approximately 2.1 miles of 24 inch pipeline by open cut trenching and jack and bore techniques to replace the existing brine disposal pipeline which would be removed from service. The brine disposal pipeline would support the activities associated with the SPR WH facility located near Hackberry, in Cameron Parish, Louisiana.

The need for the proposed project is to replace the existing, aging brine disposal pipeline with a new pipeline that meets current industry standards for brine transport. The brine disposal pipeline that would be replaced is located between the SPR WH facility and the associated brine injection wells, a distance of approximately 2.1 miles. The proposed pipeline would be installed using open cut methods except at road crossings and environmentally sensitive areas where jack and bore techniques would be utilized as needed.

Implementation of the proposed action would require the acquisition of a permanent right-of-way (ROW) along the length of the pipeline corridor in addition to the existing ROW occupied by the current brine disposal pipeline. A temporary construction easement would additionally be required throughout the duration of the proposed pipeline installation activities. No residential or business relocations or displacements would result from the implementation of the proposed project and the property acquired could still be utilized as, for example, pastureland after the installation of the proposed brine disposal pipeline.

Due to the location of the existing and proposed brine disposal pipeline, some areas of the proposed pipeline installation project would occur within the 100-year floodplain associated with the Gulf Intracoastal Waterway as well as within wetlands associated with Browns Lake. In accordance with 10 Code of Federal Regulations Part 1022, DOE will prepare a floodplain and wetlands assessment and statement of findings and will perform this proposed action in a manner so as to avoid or minimize potential harm to or within the affected floodplain or wetlands. The floodplain and wetlands assessment will be included in the EA being prepared for the proposed action.

Dates: Comments on the proposed action due on or before [insert date], 2017.

Addresses: Comments regarding this assessment should be addressed to Mr. Will Woods, NEPA Compliance Officer, U.S. Department of Energy, Strategic Petroleum Reserve, Project Management Office, Environment, Safety, Health and Quality Division, 900 Commerce Road East, Mail Stop FE-4441, New Orleans, LA 70123. Comments may also be submitted via facsimile at (504) 818-5329 or electronically at will.woods@spr.doe.gov. For further information, contact Mr. Woods at (504) 734-4400.

Issued in New Orleans, Louisiana, on [insert date], 2016.

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**Intent to Prepare Environmental Assessment Resource Agency Coordination List for the
Proposed West Hackberry Brine Disposal Pipeline Project**

**Intent to Prepare EA Resource Agency Coordination List for the Proposed West Hackberry Brine Disposal Pipeline Project
(updated through August 30, 2016)**

Department/Office	Division	Name – Title (Phone Number)	Address
Federal Resource Agencies			
US Army Corps of Engineers	Regulatory Branch, New Orleans District	David Frank – Regulatory Branch Chief (504.862.2255)	P.O. Box 60267 New Orleans, LA 70160
US Army Corps of Engineers	Western Evaluation Section	Darrell Barbara – Chief (504.862.2261)	P.O. Box 60267 New Orleans, LA 70160
US Army Corps of Engineers	Southwest Waterways	Tracy Falk – Operations Manager (504.862.2971)	P.O. Box 60267 New Orleans, LA 70160
US Fish and Wildlife Service	Louisiana Ecological Services Field Office	Brad Rieck – Acting Field Supervisor (337.291.3116)	646 Cajundome Boulevard, Suite 400 Lafayette, LA 70506
US Fish and Wildlife Service	Sabine National Wildlife Refuge	Terrance Delaine – Manager (337.762.3816)	3000 Holly Beach Highway Hackberry, LA 70645
US Environmental Protection Agency	Office of Planning & Coordination	Keith Hayden – Acting Section Chief (800.887.6063 or 214.665.2760)	1445 Ross Avenue Dallas, TX 75202
US Department of Homeland Security	US Coast Guard, Eighth District	Rear Admiral David R. Callahan – District Commander (504.589.6295)	Hale Boggs Federal Building 500 Poydras Street New Orleans, LA 70130
US Department of Transportation	US Maritime Administration	Maritime Administration (855.368.4200)	1200 New Jersey Avenue, SE Washington, D.C. 20590
National Oceanic and Atmospheric Administration	National Marine Fisheries Service	Protected Resources Division (727.824.5312)	263 13 th Avenue South Saint Petersburg, FL 33701
National Oceanic and Atmospheric Administration	National Marine Fisheries Service, Habitat Conservation Division	Richard Hartman – Team Leader (225.389.0508)	c/o LSU, Military Science Building, Room 266, South Stadium Drive Baton Rouge, LA 70803
US Department of Agriculture	Natural Resources Conservation Service	Kevin Norton – State Conservationist (318.473.7751)	3737 Government Street Alexandria, LA 71303
State Resource Agencies			
Louisiana Department of Culture, Recreation & Tourism	State Historic Preservation Officer	Phil Boggan – Assistant Secretary (225.342.8200)	P.O. Box 44247 Baton Rouge, LA 70804
Louisiana Department of Natural Resources (LDNR)	Office of the Secretary	Thomas Harris – Secretary (225.342.2710)	P.O. Box 94396 Baton Rouge, LA 70804
LDNR Office of Coastal Management	Interagency Affairs & Field Services	Donald Haydel – Administrator (225.342.8953)	P.O. Box 44487 Baton Rouge, LA 70821-4487
LDNR Office of Coastal Management	Permits/Mitigation Division	Karl Morgan – Permits & Mitigation Administrator (225.342.6470)	P.O. Box 44487 Baton Rouge, LA 70821-4487
LDNR Office of Conservation	Environmental Division	Gary Snellgrove – Division Director (225.342.5540)	P.O. Box 94275 Baton Rouge, LA 70804

West Hackberry Brine Disposal Pipeline Replacement Project – DOE/EA-2039

Department/Office	Division	Name – Title (Phone Number)	Address
State Resource Agencies Continued			
LDNR Office of Conservation	Pipeline Division	Steven Giambrone – Director (225.342.5505)	P.O. Box 94275 Baton Rouge, LA 70804
Louisiana Department of Wildlife and Fisheries	Office of the Secretary	Charlie Melancon – Secretary (225.765.2800)	P.O. Box 98000 Baton Rouge, LA 70898
Louisiana Department of Wildlife and Fisheries	Louisiana Natural Heritage Program	Carolyn Michon – Biologist (225.765.2357)	P.O. Box 98000 Baton Rouge, LA 70898
Louisiana Department of Environmental Quality	Office of the Secretary	Chuck Carr Brown, Ph.D. – Secretary (225.219.3935)	P.O. Box 4301 Baton Rouge, LA 70821-4301
Louisiana Office of State Lands	Administration Section	Spencer Robinson – Administrator (225.342.4578)	P.O. Box 44124 Baton Rouge, LA 70704
Louisiana Department of Transportation and Development	Floodplain Management Office	Chief, Floodplain Management & Engineering (225.379.3014)	1201 Capital Access Road Baton Rouge, LA 70802
Local Resource Agencies			
Cameron Parish	Permitting	Myles Hebert – Floodplain Administrator Kara Bonsall – Coastal Zone Administrator (377.775.2800)	P.O. Box 1280 Cameron, LA 70631
Cameron Parish	Parks and Recreation (Hackberry Recreation District)	Dwayne Sanner – Director (377.762.7402)	1095 Poncho Sanner Lane Hackberry, LA 70645

APPENDIX C
AGENCY INFORMATION AND
CORRESPONDENCE

Intent to Prepare Environmental Assessment Letter and Map (dated August 2, 2016)

August 2, 2016

«CONTACT»
«AGENCY»
«DIVISION»
«ADDRESS LINE1»
«ADDRESS LINE2»

Subject: Brine Disposal Pipeline Replacement Project, Strategic Petroleum Reserve, West Hackberry Facility, Cameron Parish, Louisiana

Dear «GREETING» «CONTACT»:

Pursuant to the National Environmental Policy Act, the United States Department of Energy (DOE) intends to prepare an Environmental Assessment (EA) for the proposed replacement of the existing brine disposal pipeline (the Pipeline) between the Strategic Petroleum Reserve (SPR) West Hackberry (WH) facility and the associated brine injection wells near Hackberry, Cameron Parish, Louisiana. Both the existing and proposed brine disposal pipelines are approximately 2.1 miles in length. The potential environmental impacts of this proposed project would be evaluated in conformance with DOE and Council on Environmental Quality (CEQ) regulations and provisions. A description of the WH facility and the proposed project are provided below.

The WH storage facility includes approximately 2.29 square kilometers (565 acres) of land atop the WH salt dome. The WH salt dome was selected as a storage site early in the SPR program as the existing brine caverns could be readily converted to oil storage as well as the site's optimal proximity to commercial marine and pipeline crude oil distribution facilities. The WH facility was developed by the DOE in 1977 to store petroleum products that may be presidentially ordered into the marketplace to alleviate the effects of a supply disruption to the United States. The WH facility has operated continuously since 1979. Brine is injected into and/or pumped out of the WH salt dome utilizing the Pipeline and brine injection wells when deemed necessary to fulfill oil/petroleum requirements. The Pipeline which connects the WH facility to the brine injection wells was constructed in 1978, began operation in 1979, and is near the end of the Pipeline's functional lifespan. The Pipeline is proposed to be replaced to allow for continued, optimum operations at the WH facility.

As part of the brine pipeline replacement project (proposed action), the DOE proposes to replace the Pipeline by installing a new brine disposal pipeline; the existing Pipeline would be abandoned-in-place. The new Pipeline would be installed adjacent to the existing pipeline except near Johnson Lane in which the current Pipeline traverses property between two single-family residences.

Implementation of the proposed action would require the acquisition of land. The associated land acquisition would consist of both the fee simple acquisition of land as required for the proposed Pipeline as well as the temporary acquisition of land as required for construction activities. Approximately 50-100 feet of land adjacent to the Pipeline would be acquired via fee simple acquisition to enable the replacement of the Pipeline in support of the proposed action. One

construction staging area would be located on a temporary construction easement contiguous to the Pipeline near the northern project limits. Additionally, a 25 foot temporary construction easement would be required along the Pipeline corridor.

The Pipeline would traverse lands within the 100-year floodplain, wetlands and open water habitats associated with Black Lake. In accordance with 10 Code of Federal Regulations (CFR) Part 1022 (Compliance with Floodplain and Wetland Environmental Review Requirements), the DOE would prepare a floodplain and wetlands assessment as well as a statement of findings and would perform this proposed action in a manner so as to avoid or minimize potential harm to or within the affected floodplain or wetlands. The floodplain and wetlands assessment would be included in the EA prepared for the proposed action.

The «AGENCY» has been identified as part of an outreach effort under NEPA for a review of resources under your agency's jurisdiction. In this regard, DOE respectfully requests your comments regarding any potential impacts of this proposed project that should be considered during the preparation of the Environmental Assessment for this action. In your response to this request for input from your agency, please indicate if your agency would like to be notified of the availability of the draft EA for review.

Please direct any written comments or requests for additional information to Mr. Will Woods, Environmental Specialist, U.S. Department of Energy, Strategic Petroleum Reserve, Project Management Office, Environment, Safety, and Health Division, 900 Commerce Road East, New Orleans, LA 70123 or by email at Will.Woods@spr.doe.gov. You may also contact Mr. Gabriel Adams, Fluor Federal Petroleum Operations (FFPO), Management and Operations Contractor, U.S. Department of Energy, Strategic Petroleum Reserve, Project Management Office at 504-734-4503 or by email at Gabriel.Adams@spr.doe.gov.

Thank you in advance for your expeditious attention to this project.

Sincerely,

William C. Gibson, Jr.

Project Manager
Strategic Petroleum Reserve

cc: K. Batiste, DOE
G. Adams, FFPO
B. Castille, S&B Infrastructure, Ltd.



PATH: N:\SPR\DESIGN\GIS\MAPS\WEST_HACKBERRY\WH_VICINITY_MAP_082216.mxd

SOURCE: ESRI StreetMap USA

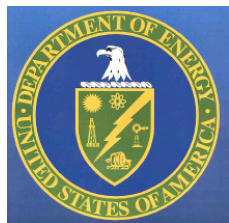
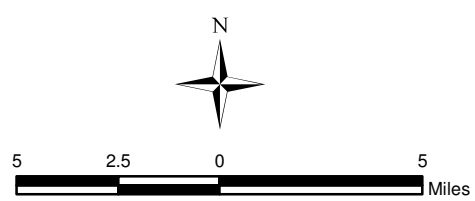


EXHIBIT 1 VICINITY MAP

Brine Disposal Pipeline Replacement Project
West Hackberry, Strategic Petroleum Reserve
Cameron Parish, Louisiana






APPENDIX C

AGENCY INFORMATION AND

CORRESPONDENCE

**West Hackberry Brine Disposal Pipeline Resource Agency Intent to Prepare
Environmental Assessment Communication Log**

West Hackberry Brine Disposal Pipeline Communication Log

Document Title		West Hackberry Brine Disposal Pipeline Replacement Project - EA		Preparer	Barbara Castille/Josh Geyer		Date:	11-18-16	
Document Date		August 30, 2016		Firm	S&B Infrastructure, Ltd.				
Commenter		Resource Agencies							
Item	Resource Agency or Contractor	Address	Commenter and Contact Information	Comment Log	Comment or Request for Information	How Addressed (or why not addressed)	Log Check		
1	USDA-NRCS Soils Section	3737 Government Street Alexandria, LA 71302	Mitchell Mouton Assistant State Soil Scientist mitchell.mouton@la.usda.gov Phone: (318) 473-7789 Cell: (337) 412-9304	Request by email to Will Woods (DOE); August 8, 2016; 9:56 am.	Do you have a GIS Shape file that will have the location of the 50-100 feet of land adjacent to the existing pipeline that will be permanently converted to additional right-of-way? I need to be able to determine the soil type and acreage for this area.	See #5, #6 and #7.		08-08-16	
2	Office of State Lands		Adam Cox adam.cox@la.gov Phone: (225) 342-4567	Request by email to Gabriel Adams (FFPO); August 8, 2016; 2:53 pm.	Per our phone conversation, I am requesting that you send the State Land Office detailed plats regarding the brine disposal replacement project in Cameron Parish.	See #3 and #4.		08-08-16	
3	S&B Infrastructure, Ltd.	3535 Sage Road Houston, TX 77056	Barbara Castille bcastille@sbinfra.com Phone: (713) 845-5392	Telephone call to Adam Cox; August 8, 2016; 3:30 pm.	Mr. Cox requested a detailed map of the pipeline project area. Maps will be transmitted via email if less than 10MB. Maps are being finalized and will be transmitted in 1-2 days.	See #2 and #4.		08-08-16	
4	S&B Infrastructure, Ltd. (S&BI)	3535 Sage Road Houston, TX 77056	Barbara Castille bcastille@sbinfra.com Phone: (713) 845-5392	Email to Adam Cox; August 9, 2016; 4:23 pm.	See #2 and #3.	The detailed designs for the brine disposal pipeline replacement project were emailed as requested. Two files were provided. The first file consisted of an overview map of the pipeline alignment on an aerial photograph. The second file consisted of the proposed pipeline design drawings.		08-09-16	
5	S&B Infrastructure, Ltd.	3535 Sage Road Houston, TX 77056	Barbara Castille bcastille@sbinfra.com Phone: (713) 845-5392	Email to Mitchell Mouton; August 9, 2016; 5:11 pm.	See #1, #6 and #7.	The GIS shape files for the brine disposal pipeline replacement project were emailed as requested. Four files were provided. The 1 st file contained an overview map for use with the GIS shape files. The 2 nd file contained the GIS shape files. The 3 rd file contained the Web Soil Survey soil information for the project area. The 4 th file contained the Web Soil Survey prime farmland soils for the project area.		08-09-16	

West Hackberry Brine Disposal Pipeline Replacement Project – DOE/EA-2039

Document Title		West Hackberry Brine Disposal Pipeline Replacement Project - EA		Preparer	Barbara Castille/Josh Geyer		Date:	11-18-16	
Document Date		August 30, 2016		Firm	S&B Infrastructure, Ltd.				
Commenter		Resource Agencies							
Item	Resource Agency or Contractor	Address	Commenter and Contact Information	Comment Log	Comment or Request for Information	How Addressed (or why not addressed)	Log Check		
6	USDA-NRCS Soils Section	3737 Government Street Alexandria, LA 71302	Mitchell Mouton Assistant State Soil Scientist mitchell.mouton@la.usda.gov Phone: (318) 473-7789 Cell: (337) 412-9304	Email to Barbara Castille (S&BI); August 10, 2016; 2:30 pm.	Thanked Ms. Castille for the emailed information on August 9, 2016.	See #1, #5 and #7.		08-10-16	
7	USDA-NRCS Soils Section	3737 Government Street Alexandria, LA 71302	Kevin Norton State Conservationist Phone: (318) 473-7751	Letter to Will Woods; August 10, 2016. Forwarded to Barbara Castille on August 16, 2016.	Provided information on the Farmland Protection Policy Act and attached the NRCS-CPA-106 form for Farmland Conversion Impact Rating for Corridor Type Projects.	The requisite areas of the NRCS-CPA-106 form will be completed and returned to the NRCS.		08-16-16	
8	S&B Infrastructure, Ltd.	3535 Sage Road Houston, TX 77056	Barbara Castille blcastille@sbinfra.com Phone: (713) 845-5392	Email to Kevin Norton; August 30, 2016; 4:02 pm.	Provided the information which was necessary to finalize the NRCS-CPA_106 form. See #1, #5, #6 and #7.	Addressed the requisite areas of the NRCS-CPA-106 form for Farmland Conversion Impact Rating for Corridor Type Projects.		08-30-16	
9	NOAA-NMFS	PO Box 44487 Baton Rouge, LA 70802	Virginia M. Fay Assistant Regional Administrator via Jan Koellen jan.koellen@noaa.gov Phone: (225) 389-0508x202	Email to Will Woods; September 12, 2016. 11:32 am. Forwarded to Barbara Castille on September 12, 2016.	Provided Comment Letter. Recommended adding sections titled "Essential Fish Habitat", "Fishery Resources" and 'Mitigation'. EA should include a monitoring plan for wetlands and not assume all impacts would be "temporary".	The EA has and "Essential Fish Habitat" section and will include "Fishery Resources" and "Mitigation" sections if deemed necessary.		09-12-16	
10	OCM-LDNR	PO Box 44487 Baton Rouge, LA 70802	Jeff Harris Consistency Section Jeff.Harris@la.gov Phone: (225) 342-7949	Email to Hoot Gibson; September 15, 2016. 7:30 am. Forwarded to Barbara Castille on September 15, 2016.	Provided Comment Letter. OCM is concerned with any foreseeable effects on the land use, water use or natural resources of the coastal zone. OCM policy is to remove all pipelines in the coastal zone upon decommission.	A conference call was scheduled for October 5, 2016 between OCM-LDNR, DOE, FFPO, VCI and S&BI to discuss the proposed project and how it pertains to coastal areas.		09-15-16	
11	OCM-LDNR	PO Box 44487 Baton Rouge, LA 70802	Jeff Harris Consistency Section Jeff.Harris@la.gov Phone: (225) 342-7949	Email to Gabriel Adams September 27, 2016. 2:04 pm.	Stated that the OCM would like a plat showing existing and proposed pipeline routes ahead of the conference call.	Gabriel Adams replied with an email on September 27, 2016 with the detailed alignments. Additional emails between Jeff and Gabriel discussed the location in which the proposed pipeline would diverge from the existing pipeline alignment.		09-27-16	


West Hackberry Brine Disposal Pipeline Replacement Project – DOE/EA-2039

Document Title		West Hackberry Brine Disposal Pipeline Replacement Project - EA		Preparer	Barbara Castille/Josh Geyer		Date:	11-18-16	
Document Date		August 30, 2016		Firm	S&B Infrastructure, Ltd.				
Commenter		Resource Agencies							
Item	Resource Agency or Contractor	Address	Commenter and Contact Information	Comment Log	Comment or Request for Information	How Addressed (or why not addressed)	Log Check		
12	OCM-LDNR	PO Box 44487 Baton Rouge, LA 70802	Jeff Harris Consistency Section Jeff.Harris@la.gov Phone: (225) 342-7949	Conference call. October 5, 2016	A conference call between OCM-LDNR, DOE, FFPO, VCI and S&BI was conducted to discuss the proposed project and how the project pertains to coastal areas. A point of clarification was made that the existing pipeline would not be abandoned-in-place but removed from service and retained if use was required in the future. Pipelines would be removed from the ground upon decommissioning of the WH facility at a later date.	The EA was updated to state that the existing pipeline would be removed from service but would remain in place.		10-05-16	
13	OCM-LDNR	PO Box 44487 Baton Rouge, LA 70802	Jeff Harris Consistency Section Jeff.Harris@la.gov Phone: (225) 342-7949	Email to Gabriel Adams October 6, 2016. 7:00 pm. Forwarded to Barbara Castille on October 6, 2016.	This was a courtesy email showing the location of soil borings in close proximity to the project area which were depicted on DNR's SONRIS GIS system.	Areas of boring locations were reviewed and determined that such locations would have no impact on the proposed project.		10-06-16	
14	US Army Corps of Engineers, New Orleans District	7400 Leake Avenue New Orleans, LA 70118	Darrell Barbara Chief, Western Evaluation Section Regulatory Branch Darrell.Barbara@usace.army.mil Phone: (504) 862-2260	Email to Gabriel Adams September 23, 2016. 9:57 am. Forwarded to Barbara Castille on September 23, 2016.	Based on initial assessments a Department of Army permit under Section 10 of the Rivers and Harbors Act of 1899 and/or Section 404 of the Clean Water Act will likely be required. Recommends receiving an Approved Jurisdiction prior to submittal of the Joint Permit Application. The project may be located within an existing US Army Corps of Engineers Civil Works Project.	Section 10 and Section 404 permit applications will be completed by the FFPO for USACE permit authorization at a later date. The EA was updated to state that the existing pipeline would be removed from service but would remain in place.		09-23-16	
15	Floodplain Management Program-LDOT	PO Box 94245 Baton Rouge, LA 70804	Jennifer Rachal, CFM National Flood Insurance Program Coordinator Jennifer.Rachal@la.gov Phone: (225) 379-3005	Email to Gabriel Adams and Will Woods September 19, 2016. 1:27 pm. Forwarded to Barbara Castille on September 19, 2016.	The map provided does not offer enough information or detail to accurately create a firmette. Please respond with a map or location zoomed in, so that I may accurately respond to the request.	S&B Infrastructure, Ltd. (S&BI), provided the Floodplain Exhibit which was utilized for the EA (FEMA 1999, FIRM Panel No. 22023C0400H).		09-19-16	
16	S&B Infrastructure, Ltd.	3535 Sage Road Houston, TX 77056	Barbara Castille bcastille@sbinfra.com Phone: (713) 845-5392	Email to Jennifer Rachal; September 19, 2016; 2:02 pm.	Provided the Floodplain Exhibit which was utilized for the EA (FEMA 1999, FIRM Panel No. 22023C0400H).	S&BI provided the Floodplain Exhibit which was utilized for the EA (FEMA 1999, FIRM Panel No. 22023C0400H).		09-19-16	

West Hackberry Brine Disposal Pipeline Replacement Project – DOE/EA-2039

Document Title		West Hackberry Brine Disposal Pipeline Replacement Project - EA		Preparer	Barbara Castille/Josh Geyer		Date:	11-18-16	
Document Date		August 30, 2016		Firm	S&B Infrastructure, Ltd.				
Commenter		Resource Agencies							
Item	Resource Agency or Contractor	Address	Commenter and Contact Information	Comment Log	Comment or Request for Information	How Addressed (or why not addressed)	Log Check		
17	Floodplain Management Program-LDOT	PO Box 94245 Baton Rouge, LA 70804	Jennifer Rachal, CFM National Flood Insurance Program Coordinator Jennifer.Rachal@la.gov Phone: (225) 379-3005	Telephone Call to Barbara Castille; September 19, 2016; 2:10 pm.	Jennifer explained that FEMA data had been updated and she wanted the Floodplain Exhibit updated with the new data and submitted for review.	Provided the updated Floodplain Exhibit which would be utilized for the EA (FEMA 2012, FIRM Panel No. 22023C0375H).		09-19-16	
18	S&B Infrastructure, Ltd.	3535 Sage Road Houston, TX 77056	Barbara Castille bcastille@sbinfra.com Phone: (713) 845-5392	Email to Jennifer Rachal; September 19, 2016; 4:13 pm.	Provided the updated Floodplain Exhibit which would be utilized for the EA (FEMA 2012, FIRM Panel No. 22023C0375H).	Provided the updated Floodplain Exhibit which would be utilized for the EA (FEMA 2012, FIRM Panel No. 22023C0375H).		09-19-16	
19	Floodplain Management Program-LDOT	PO Box 94245 Baton Rouge, LA 70804	Jennifer Rachal, CFM National Flood Insurance Program Coordinator Jennifer.Rachal@la.gov Phone: (225) 379-3005	Email to Barbara Castille October 18, 2016. 1:54 pm.	Attached the Solicitation of Views for Floodplains stating adequate water flow must occur during improvements and construction with assurance no back up of water occurs.	Acknowledged.		10-18-16	
20	S&B Infrastructure, Ltd.	3535 Sage Road Houston, TX 77056	Barbara Castille bcastille@sbinfra.com Phone: (713) 845-5392	Email to Jennifer Rachal; September 18, 2016; 2:25 pm.	Acknowledged that the Solicitation of Views had been received for the West Hackberry Brine Disposal Pipeline Replacement Project.	New floodplain data would be used in the EA.		10-18-16	
21	US Coast Guard 8 th District	Unknown	Unknown	Email to Barbara Castille September 26, 2016; 11:18 am.	Email was in regard to a telephone conversation between Gabriel Adams and an individual from the US Coast Guard 8 th District stating they had no comments on the EA at this time, but would like to review the Draft EA when available.	Acknowledged. The US Coast Guard would receive a copy of the Draft EA during the Public Comment Period.		09-26-16	
22	US Coast Guard	MSU Lake Charles, LA	Roderick Bawar Waterways Management Roderick.C.Bawar@uscg.mil	Email to Gabriel Adams October 10, 2016. 3:15 pm. Forwarded to Barbara Castille on October 10, 2016.	Email was in regard to the availability of the Draft EA and when the project would go to construction.	Acknowledged. The US Coast Guard would receive a copy of the Draft EA during the Public Comment Period.		10-10-16	
23	LDEQ	PO Box 4301 Baton Rouge, LA 70821-4301	Linda Hardy Office of the Secretary linda.hardy@la.gov Phone: (225) 219-3954	Email to Will Woods October 3, 2016. 1:15 pm. Forwarded to Gabriel Adams and Barbara Castille on October 4, 2016.	LDEQ has no objections based on the information provided but has general comments including permits which may be necessary for the proposed project.	Acknowledged.		10-04-16	

West Hackberry Brine Disposal Pipeline Replacement Project – DOE/EA-2039

Document Title		West Hackberry Brine Disposal Pipeline Replacement Project - EA		Preparer	Barbara Castille/Josh Geyer		Date: 11-18-16
Document Date		August 30, 2016		Firm	S&B Infrastructure, Ltd.		
Commenter		Resource Agencies					
Item	Resource Agency or Contractor	Address	Commenter and Contact Information	Comment Log	Comment or Request for Information	How Addressed (or why not addressed)	Log Check
24	US Army Corps of Engineers, New Orleans District	7400 Leake Avenue New Orleans, LA 70118	Karen Clement Assistant Operations Manager, Completed Works karen.l.clement@usace.army.mil Phone: (504) 862-2313	Email to Gabriel Adams and Will Woods October 14, 2016. 10:43 am. Forwarded to Barbara Castille on October 14, 2016.	Official response to Solicitation of Views request. The proposed project is not anticipated to impact any Corps of Engineers projects but a Department of the Army permit under Section 404 of the Clean Water Act or Section 10 of the Rivers and Harbors Act will be required. Application of permit should be well in advance of the work to be performed.	Section 10 and Section 404 permit applications will be completed by the FFPO for USACE permit authorization at a later date.	 10-14-16

 = Completed

P = Pending

Castille, Barbara

From: Castille, Barbara
Sent: Tuesday, August 09, 2016 4:23 PM
To: 'adam.cox@la.gov'
Cc: Woods, Will; Batiste, Katherine; 'Adams, Gabriel'; Joshua Geyer (jageyer@sbinfra.com)
Subject: West Hackberry Pipeline Replacement Project, Cameron Parish
Attachments: 1_WestHackberry_EA_AerialMap_ForUseWithDesignFiles_ToOfficeOfStateLands_ACox_080916.pdf; 2_WestHackberry_EA_DesignFiles_ToOfficeOfStateLands_ACox_080916.pdf

Mr. Cox—

We are pleased to provide you with the detailed designs for the brine disposal pipeline replacement project as requested. We have attached two files for your review. The first file consists of an overview map of the pipeline alignment on an aerial photograph. The second file consists of the proposed pipeline design drawings. Please note that minor changes to the design drawings may occur as the project progresses.

If you have any questions following your review of the attached information, please let me know or feel free to contact Gabriel Adams.

Thank you for your review of this important project.

Sincerely,

Barbara

Barbara Castille

Manager, Environmental Planning

S&B Infrastructure, Ltd.

530 Wells Fargo Drive
Houston, Texas 77090
Direct: (713) 845-5392
Main: (713) 845-5401
Cell: (281) 960-6421
blcastille@sbinfra.com

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From: Adams, Gabriel [<mailto:Gabriel.Adams@spr.doe.gov>]
Sent: Monday, August 08, 2016 3:04 PM
To: Castille, Barbara; Fogle, William
Cc: Woods, Will; Batiste, Katherine; Sevcik, Bob; Wesley, Louis
Subject: FW: Pipeline Replacement Project, Cameron Parish

Barbara,

Could you please provide Mr. Cox the additional information he has requested?

Please advise.

Gabriel Adams, REM | [Fluor Federal Petroleum Operations, LLC](#) | Pollution Prevention Specialist, Environmental Department |

Contractor to the U. S. Department of Energy SPR | gabriel.adams@spr.doe.gov | O 504.734.4503 | F 504.818.5503

From: Adam Cox [<mailto:Adam.Cox@LA.GOV>]

Sent: Monday, August 08, 2016 2:53 PM

To: Adams, Gabriel <Gabriel.Adams@SPR.DOE.GOV>

Subject: Pipeline Replacement Project, Cameron Parish

Mr. Adams,

Per our phone conversation, I am requesting that you send the State Land Office detailed plats regarding the brine disposal replacement project in Cameron Parish.

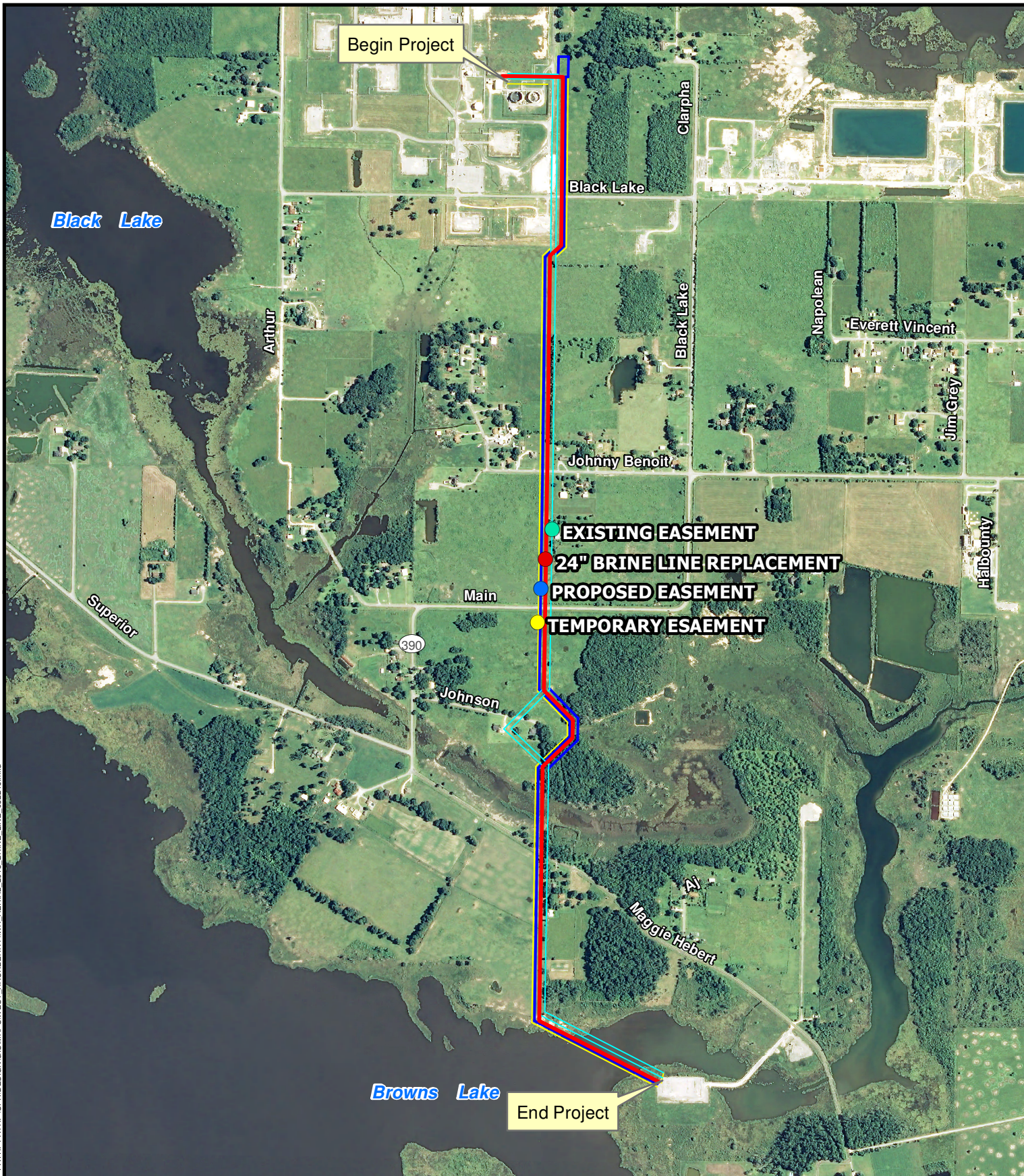
Thank you,

Adam Cox

Office of State Lands

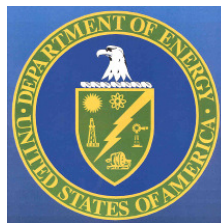
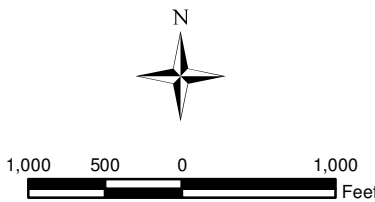
Phone: (225) 342-4567

E-mail: adam.cox@la.gov



PATH: PATH: ISPRDESIGN\GIS\MAPS\WEST HACKBERRY\WH_AERIAL_2013_BRINE_LINE_032216.mxd

SOURCE: USDA-NAIP, 2013



AERIAL PHOTOGRAPH, 2013

Brine Disposal Pipeline Replacement Project
 West Hackberry, Strategic Petroleum Reserve
 Cameron Parish, Louisiana

Castille, Barbara

From: Castille, Barbara
Sent: Tuesday, August 09, 2016 5:11 PM
To: 'mitchell.mouton@la.usda.gov'
Cc: Woods, Will; Batiste, Katherine; 'Adams, Gabriel'; Joshua Geyer (jageyer@sbinfra.com)
Subject: RE: Brine Disposal Pipeline Replacement Project - Strategic Petroleum Reserve - West Hackberry Facility - Cameron Parish, Louisiana
Attachments: 1a_WestHackberry_EA_MaximumROW_OverviewMap_ForUseWithGISShapeFile_ToNRCS_MMouton_080916.pdf;
2a_WestHackberry_EA_MaximumROW_GISShapeFile_ToNRCS_MMouton_080916.zip;
3a_WestHackberry_EA_WebSoilSurvey_ToNRCS_MMouton_080916.pdf;
4a_WestHackberry_EA_PrimeFarmland_ToNRCS_MMouton_080916.pdf

Tracking:	Recipient	Delivery	Read
	'mitchell.mouton@la.usda.gov'		
	Woods, Will		
	Batiste, Katherine		
	'Adams, Gabriel'		
	Joshua Geyer (jageyer@sbinfra.com)	Delivered: 8/9/2016 5:11 PM	
	Geyer, Joshua		Read: 8/9/2016 5:14 PM

Mr. Mouton—

We are pleased to provide you with the GIS shape files for the brine disposal pipeline replacement project as requested. For your review, we have attached 4 files. The 1st file contains an overview map for use with the GIS shape files. The 2nd file contains the GIS shape files. The shape files represent the maximum area of proposed disturbance along the pipeline corridor which includes the existing pipeline easement, the immediately adjacent proposed pipeline easement and a temporary construction easement. The 3rd file contains the Web Soil Survey soil information for the project area. The 4th file contains the Web Soil Survey prime farmland soils for the project area.

If you have any questions following your review of the attached information, please let me know or feel free to contact Gabriel Adams.

Thank you for your review of this important project.

Sincerely,

Barbara

Barbara Castille
Manager, Environmental Planning

S&B Infrastructure, Ltd.
530 Wells Fargo Drive
Houston, Texas 77090
Direct: (713) 845-5392
Main: (713) 845-5401
Cell: (281) 960-6421
bcastille@sbinfra.com

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From: Adams, Gabriel [<mailto:Gabriel.Adams@spr.doe.gov>]
Sent: Monday, August 08, 2016 10:49 AM
To: Castille, Barbara; Fogle, William
Cc: Woods, Will; Batiste, Katherine; Wesley, Louis; Sevcik, Bob
Subject: FW: Brine Disposal Pipeline Replacement Project - Strategic Petroleum Reserve - West Hackberry Facility - Cameron Parish, Louisiana
Importance: High

Barbara,

Please see the email below from the NRCS for Louisiana.

Please advise.

Gabriel Adams, REM | **Fluor Federal Petroleum Operations, LLC** | Pollution Prevention Specialist, Environmental Department |
Contractor to the U. S. Department of Energy SPR | gabriel.adams@spr.doe.gov | O 504.734.4503 | F 504.818.5503

From: Woods, Will
Sent: Monday, August 08, 2016 10:25 AM
To: Adams, Gabriel <Gabriel.Adams@SPR.DOE.GOV>
Subject: FW: Brine Disposal Pipeline Replacement Project - Strategic Petroleum Reserve - West Hackberry Facility - Cameron Parish, Louisiana

Gabe: Please forward as appropriate and cc me.

From: Mouton, Mitchell - NRCS, ALEXANDRIA, LA [<mailto:mitchell.mouton@la.usda.gov>]
Sent: Monday, August 08, 2016 9:56 AM
To: Woods, Will <Will.Woods@SPR.DOE.GOV>
Subject: Brine Disposal Pipeline Replacement Project - Strategic Petroleum Reserve - West Hackberry Facility - Cameron Parish, Louisiana

Mr. Woods,

For the above referenced project do you have a GIS Shapefile that will have the location of the 50-100 feet of land adjacent to the existing pipeline that will be permanently converted to additional right-of-way? I need to be able to determine the soil type and acreage for this area.

Thanks,

Mitchell Mouton

Assistant State Soil Scientist

USDA-NRCS Soils Section

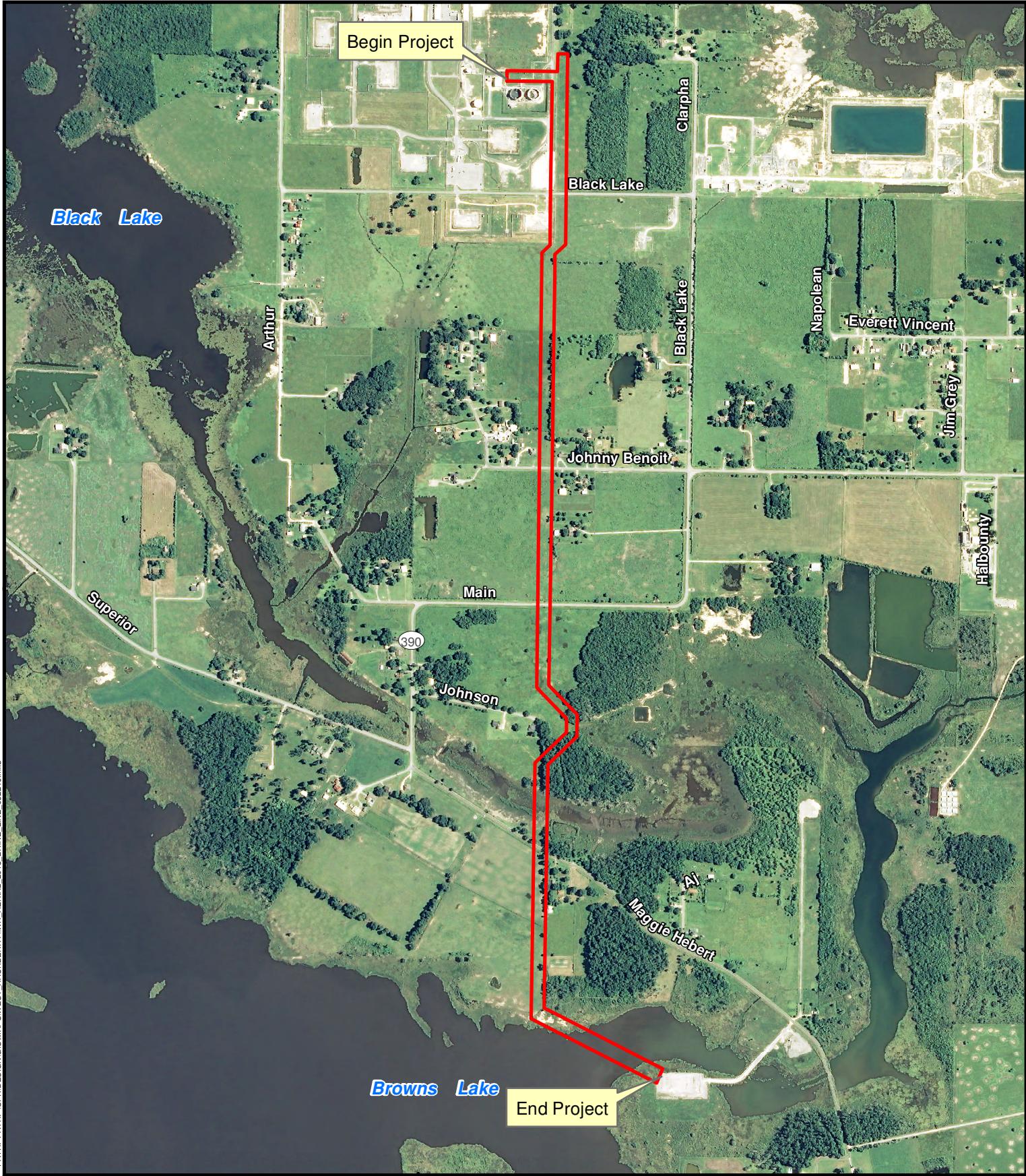
3737 Government Street

Work (318) 473-7789

Work Cell (337) 412-9304

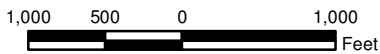
Email: mitchell.mouton@la.usda.gov

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PATH: \PATH: ISPRDESIGN\GIS\MAPS\WEST HACKBERRY\WH_AERIAL_2013_BRINE_LINE_032216.mxd






SOURCE: USDA-NAIP, 2013



AERIAL PHOTOGRAPH, 2013

Brine Disposal Pipeline Replacement Project
 West Hackberry, Strategic Petroleum Reserve
 Cameron Parish, Louisiana

West Hackberry Brine Disposal Pipeline Replacement Project – GIS Shape Files

Name	Type	Compressed size	Size	Ratio	Date modified
 NEW_ROW_080916.cpg	CPG File	1 KB	1 KB	0%	8/9/2016 10:28 AM
 NEW_ROW_080916.dbf	DBF File	1 KB	1 KB	50%	8/9/2016 10:28 AM
 NEW_ROW_080916.prj	PRJ File	1 KB	1 KB	17%	8/9/2016 10:15 AM
 NEW_ROW_080916.sbn	SBN File	1 KB	1 KB	50%	8/9/2016 10:28 AM
 NEW_ROW_080916.sbx	SBX File	1 KB	1 KB	50%	8/9/2016 10:28 AM
 NEW_ROW_080916.shp	DWG TrueView Shape Source	1 KB	1 KB	29%	8/9/2016 10:28 AM
 NEW_ROW_080916.shx	DWG TrueView Compiled Shape	1 KB	1 KB	49%	8/9/2016 10:28 AM



United States
Department of
Agriculture

NRCS

Natural
Resources
Conservation
Service

A product of the National
Cooperative Soil Survey,
a joint effort of the United
States Department of
Agriculture and other
Federal agencies, State
agencies including the
Agricultural Experiment
Stations, and local
participants

Custom Soil Resource Report for **Cameron Parish, Louisiana**

West Hackberry Brine Disposal Pipeline Replacement Project



Preface

Soil surveys contain information that affects land use planning in survey areas. They highlight soil limitations that affect various land uses and provide information about the properties of the soils in the survey areas. Soil surveys are designed for many different users, including farmers, ranchers, foresters, agronomists, urban planners, community officials, engineers, developers, builders, and home buyers. Also, conservationists, teachers, students, and specialists in recreation, waste disposal, and pollution control can use the surveys to help them understand, protect, or enhance the environment.

Various land use regulations of Federal, State, and local governments may impose special restrictions on land use or land treatment. Soil surveys identify soil properties that are used in making various land use or land treatment decisions. The information is intended to help the land users identify and reduce the effects of soil limitations on various land uses. The landowner or user is responsible for identifying and complying with existing laws and regulations.

Although soil survey information can be used for general farm, local, and wider area planning, onsite investigation is needed to supplement this information in some cases. Examples include soil quality assessments (<http://www.nrcs.usda.gov/wps/portal/nrcs/main/soils/health/>) and certain conservation and engineering applications. For more detailed information, contact your local USDA Service Center (<http://offices.sc.egov.usda.gov/locator/app?agency=nrcs>) or your NRCS State Soil Scientist (http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/contactus/?cid=nrcs142p2_053951).

Great differences in soil properties can occur within short distances. Some soils are seasonally wet or subject to flooding. Some are too unstable to be used as a foundation for buildings or roads. Clayey or wet soils are poorly suited to use as septic tank absorption fields. A high water table makes a soil poorly suited to basements or underground installations.

The National Cooperative Soil Survey is a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local agencies. The Natural Resources Conservation Service (NRCS) has leadership for the Federal part of the National Cooperative Soil Survey.

Information about soils is updated periodically. Updated information is available through the NRCS Web Soil Survey, the site for official soil survey information.

The U.S. Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, age, disability, and where applicable, sex, marital status, familial status, parental status, religion, sexual orientation, genetic information, political beliefs, reprisal, or because all or a part of an individual's income is derived from any public assistance program. (Not all prohibited bases apply to all programs.) Persons with disabilities who require alternative means

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How Soil Surveys Are Made

Soil surveys are made to provide information about the soils and miscellaneous areas in a specific area. They include a description of the soils and miscellaneous areas and their location on the landscape and tables that show soil properties and limitations affecting various uses. Soil scientists observed the steepness, length, and shape of the slopes; the general pattern of drainage; the kinds of crops and native plants; and the kinds of bedrock. They observed and described many soil profiles. A soil profile is the sequence of natural layers, or horizons, in a soil. The profile extends from the surface down into the unconsolidated material in which the soil formed or from the surface down to bedrock. The unconsolidated material is devoid of roots and other living organisms and has not been changed by other biological activity.

Currently, soils are mapped according to the boundaries of major land resource areas (MLRAs). MLRAs are geographically associated land resource units that share common characteristics related to physiography, geology, climate, water resources, soils, biological resources, and land uses (USDA, 2006). Soil survey areas typically consist of parts of one or more MLRA.

The soils and miscellaneous areas in a survey area occur in an orderly pattern that is related to the geology, landforms, relief, climate, and natural vegetation of the area. Each kind of soil and miscellaneous area is associated with a particular kind of landform or with a segment of the landform. By observing the soils and miscellaneous areas in the survey area and relating their position to specific segments of the landform, a soil scientist develops a concept, or model, of how they were formed. Thus, during mapping, this model enables the soil scientist to predict with a considerable degree of accuracy the kind of soil or miscellaneous area at a specific location on the landscape.

Commonly, individual soils on the landscape merge into one another as their characteristics gradually change. To construct an accurate soil map, however, soil scientists must determine the boundaries between the soils. They can observe only a limited number of soil profiles. Nevertheless, these observations, supplemented by an understanding of the soil-vegetation-landscape relationship, are sufficient to verify predictions of the kinds of soil in an area and to determine the boundaries.

Soil scientists recorded the characteristics of the soil profiles that they studied. They noted soil color, texture, size and shape of soil aggregates, kind and amount of rock fragments, distribution of plant roots, reaction, and other features that enable them to identify soils. After describing the soils in the survey area and determining their properties, the soil scientists assigned the soils to taxonomic classes (units). Taxonomic classes are concepts. Each taxonomic class has a set of soil characteristics with precisely defined limits. The classes are used as a basis for comparison to classify soils systematically. Soil taxonomy, the system of taxonomic classification used in the United States, is based mainly on the kind and character of soil properties and the arrangement of horizons within the profile. After the soil scientists classified and named the soils in the survey area, they compared the

Custom Soil Resource Report

individual soils with similar soils in the same taxonomic class in other areas so that they could confirm data and assemble additional data based on experience and research.

The objective of soil mapping is not to delineate pure map unit components; the objective is to separate the landscape into landforms or landform segments that have similar use and management requirements. Each map unit is defined by a unique combination of soil components and/or miscellaneous areas in predictable proportions. Some components may be highly contrasting to the other components of the map unit. The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The delineation of such landforms and landform segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, onsite investigation is needed to define and locate the soils and miscellaneous areas.

Soil scientists make many field observations in the process of producing a soil map. The frequency of observation is dependent upon several factors, including scale of mapping, intensity of mapping, design of map units, complexity of the landscape, and experience of the soil scientist. Observations are made to test and refine the soil-landscape model and predictions and to verify the classification of the soils at specific locations. Once the soil-landscape model is refined, a significantly smaller number of measurements of individual soil properties are made and recorded. These measurements may include field measurements, such as those for color, depth to bedrock, and texture, and laboratory measurements, such as those for content of sand, silt, clay, salt, and other components. Properties of each soil typically vary from one point to another across the landscape.

Observations for map unit components are aggregated to develop ranges of characteristics for the components. The aggregated values are presented. Direct measurements do not exist for every property presented for every map unit component. Values for some properties are estimated from combinations of other properties.

While a soil survey is in progress, samples of some of the soils in the area generally are collected for laboratory analyses and for engineering tests. Soil scientists interpret the data from these analyses and tests as well as the field-observed characteristics and the soil properties to determine the expected behavior of the soils under different uses. Interpretations for all of the soils are field tested through observation of the soils in different uses and under different levels of management. Some interpretations are modified to fit local conditions, and some new interpretations are developed to meet local needs. Data are assembled from other sources, such as research information, production records, and field experience of specialists. For example, data on crop yields under defined levels of management are assembled from farm records and from field or plot experiments on the same kinds of soil.

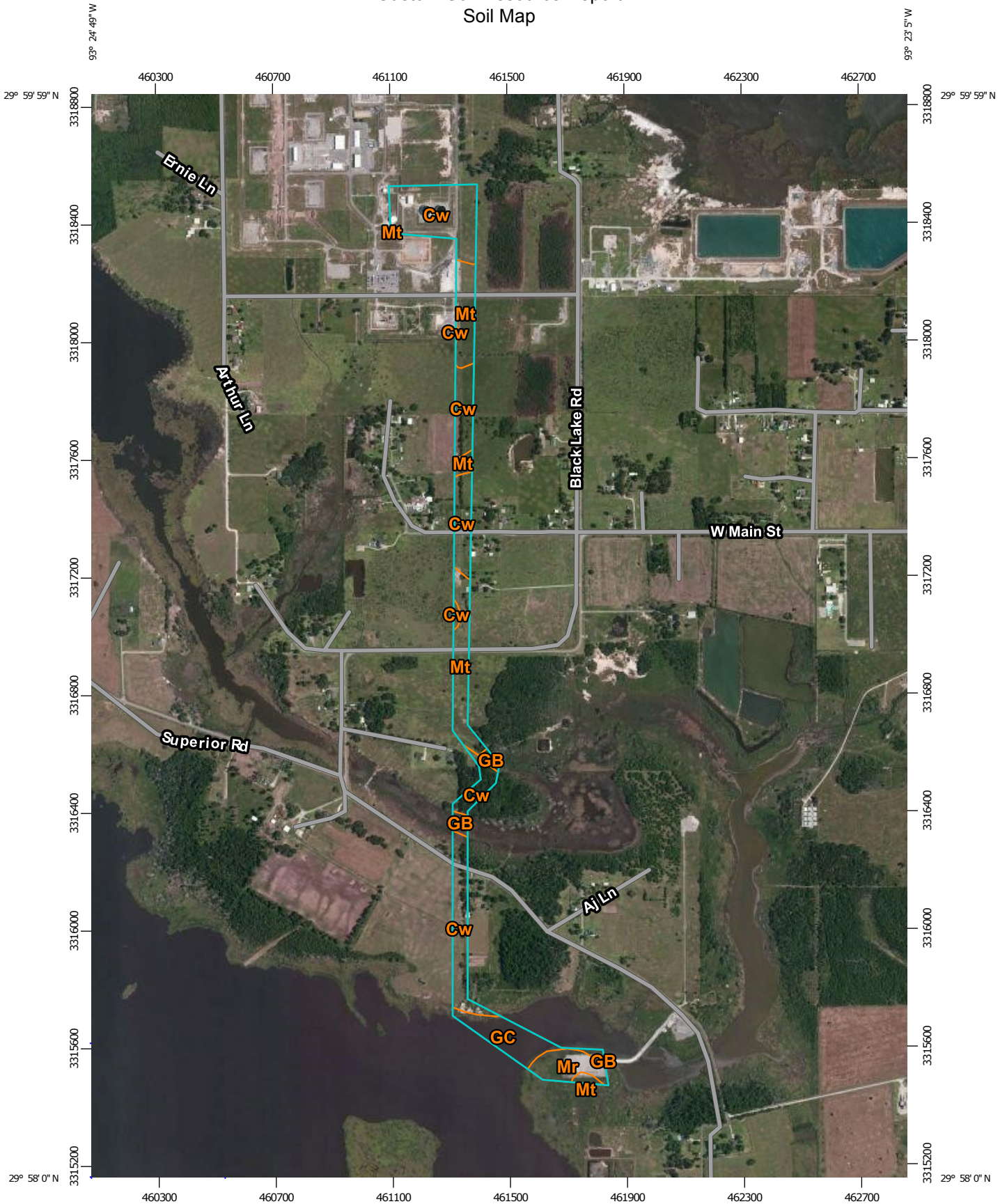
Predictions about soil behavior are based not only on soil properties but also on such variables as climate and biological activity. Soil conditions are predictable over long periods of time, but they are not predictable from year to year. For example, soil scientists can predict with a fairly high degree of accuracy that a given soil will have a high water table within certain depths in most years, but they cannot predict that a high water table will always be at a specific level in the soil on a specific date.

After soil scientists located and identified the significant natural bodies of soil in the survey area, they drew the boundaries of these bodies on aerial photographs and identified each as a specific map unit. Aerial photographs show trees, buildings, fields, roads, and rivers, all of which help in locating boundaries accurately.

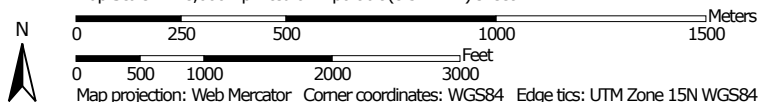
Soil Map

The soil map section includes the soil map for the defined area of interest, a list of soil map units on the map and extent of each map unit, and cartographic symbols displayed on the map. Also presented are various metadata about data used to produce the map, and a description of each soil map unit.

Custom Soil Resource Report Soil Map



Map Scale: 1:18,000 if printed on A portrait (8.5" x 11") sheet.




Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 15N WGS84


Custom Soil Resource Report

MAP LEGEND


Area of Interest (AOI)

 Area of Interest (AOI)


Soils


 Soil Map Unit Polygons


 Soil Map Unit Lines


 Soil Map Unit Points

Special Point Features

 Blowout


 Borrow Pit


 Clay Spot


 Closed Depression

 Gravel Pit

 Gravelly Spot


 Landfill

 Lava Flow

 Marsh or swamp

 Mine or Quarry

 Miscellaneous Water


 Perennial Water

 Rock Outcrop

 Saline Spot

 Sandy Spot

 Severely Eroded Spot


 Sinkhole

 Slide or Slip


 Sodic Spot

 Spoil Area

 Stony Spot


 Very Stony Spot

 Wet Spot

 Other

 Special Line Features

Water Features

 Streams and Canals


Transportation

 Rails


 Interstate Highways

 US Routes

 Major Roads

 Local Roads

Background

 Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:24,000.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
 Web Soil Survey URL: <http://websoilsurvey.nrcs.usda.gov>
 Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Cameron Parish, Louisiana
 Survey Area Data: Version 13, Sep 28, 2015

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Feb 7, 2011—May 26, 2011

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Cameron Parish, Louisiana (LA023)			
Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
Cw	Crowley-Vidrine complex, 0 to 1 percent slopes	35.4	54.4%
GB	Ged mucky clay	1.6	2.4%
GC	Gentilly muck, 0 to 0.5 percent slopes, very frequently flooded	7.6	11.7%
Mr	Edgerly loam, 0 to 1 percent slopes	5.3	8.2%
Mt	Mowata-Vidrine complex, 0 to 1 percent slopes	15.2	23.3%
Totals for Area of Interest		65.0	100.0%

Map Unit Descriptions

The map units delineated on the detailed soil maps in a soil survey represent the soils or miscellaneous areas in the survey area. The map unit descriptions, along with the maps, can be used to determine the composition and properties of a unit.

A map unit delineation on a soil map represents an area dominated by one or more major kinds of soil or miscellaneous areas. A map unit is identified and named according to the taxonomic classification of the dominant soils. Within a taxonomic class there are precisely defined limits for the properties of the soils. On the landscape, however, the soils are natural phenomena, and they have the characteristic variability of all natural phenomena. Thus, the range of some observed properties may extend beyond the limits defined for a taxonomic class. Areas of soils of a single taxonomic class rarely, if ever, can be mapped without including areas of other taxonomic classes. Consequently, every map unit is made up of the soils or miscellaneous areas for which it is named and some minor components that belong to taxonomic classes other than those of the major soils.

Most minor soils have properties similar to those of the dominant soil or soils in the map unit, and thus they do not affect use and management. These are called noncontrasting, or similar, components. They may or may not be mentioned in a particular map unit description. Other minor components, however, have properties and behavioral characteristics divergent enough to affect use or to require different management. These are called contrasting, or dissimilar, components. They generally are in small areas and could not be mapped separately because of the scale used. Some small areas of strongly contrasting soils or miscellaneous areas are identified by a special symbol on the maps. If included in the database for a given area, the contrasting minor components are identified in the map unit descriptions along with some characteristics of each. A few areas of minor components may not have been observed, and consequently they are not mentioned in the descriptions, especially where the pattern was so complex that it was impractical to make enough observations to identify all the soils and miscellaneous areas on the landscape.

Custom Soil Resource Report

The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The objective of mapping is not to delineate pure taxonomic classes but rather to separate the landscape into landforms or landform segments that have similar use and management requirements. The delineation of such segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, however, onsite investigation is needed to define and locate the soils and miscellaneous areas.

An identifying symbol precedes the map unit name in the map unit descriptions. Each description includes general facts about the unit and gives important soil properties and qualities.

Soils that have profiles that are almost alike make up a *soil series*. Except for differences in texture of the surface layer, all the soils of a series have major horizons that are similar in composition, thickness, and arrangement.

Soils of one series can differ in texture of the surface layer, slope, stoniness, salinity, degree of erosion, and other characteristics that affect their use. On the basis of such differences, a soil series is divided into *soil phases*. Most of the areas shown on the detailed soil maps are phases of soil series. The name of a soil phase commonly indicates a feature that affects use or management. For example, Alpha silt loam, 0 to 2 percent slopes, is a phase of the Alpha series.

Some map units are made up of two or more major soils or miscellaneous areas. These map units are complexes, associations, or undifferentiated groups.

A *complex* consists of two or more soils or miscellaneous areas in such an intricate pattern or in such small areas that they cannot be shown separately on the maps. The pattern and proportion of the soils or miscellaneous areas are somewhat similar in all areas. Alpha-Beta complex, 0 to 6 percent slopes, is an example.

An *association* is made up of two or more geographically associated soils or miscellaneous areas that are shown as one unit on the maps. Because of present or anticipated uses of the map units in the survey area, it was not considered practical or necessary to map the soils or miscellaneous areas separately. The pattern and relative proportion of the soils or miscellaneous areas are somewhat similar. Alpha-Beta association, 0 to 2 percent slopes, is an example.

An *undifferentiated group* is made up of two or more soils or miscellaneous areas that could be mapped individually but are mapped as one unit because similar interpretations can be made for use and management. The pattern and proportion of the soils or miscellaneous areas in a mapped area are not uniform. An area can be made up of only one of the major soils or miscellaneous areas, or it can be made up of all of them. Alpha and Beta soils, 0 to 2 percent slopes, is an example.

Some surveys include *miscellaneous areas*. Such areas have little or no soil material and support little or no vegetation. Rock outcrop is an example.

Cameron Parish, Louisiana

Cw—Crowley-Vidrine complex, 0 to 1 percent slopes

Map Unit Setting

National map unit symbol: 2thq2
Elevation: 10 to 80 feet
Mean annual precipitation: 59 to 65 inches
Mean annual air temperature: 67 to 70 degrees F
Frost-free period: 240 to 300 days
Farmland classification: All areas are prime farmland

Map Unit Composition

Crowley and similar soils: 55 percent
Vidrine and similar soils: 35 percent
Minor components: 10 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Crowley

Setting

Landform: Terraces
Landform position (three-dimensional): Riser
Microfeatures of landform position: Bars
Down-slope shape: Convex
Across-slope shape: Linear
Parent material: Pleistocene age clayey fluviomarine deposits derived from igneous, metamorphic and sedimentary rock

Typical profile

Ap - 0 to 7 inches: silt loam
Eg - 7 to 17 inches: silt loam
Btg1 - 17 to 40 inches: silty clay
Btg2 - 40 to 80 inches: clay loam

Properties and qualities

Slope: 0 to 1 percent
Depth to restrictive feature: More than 80 inches
Natural drainage class: Somewhat poorly drained
Runoff class: High
Capacity of the most limiting layer to transmit water (Ksat): Moderately low (0.01 to 0.06 in/hr)
Depth to water table: About 6 to 9 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum in profile: 2 percent
Salinity, maximum in profile: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum in profile: 10.0
Available water storage in profile: High (about 10.1 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 3w
Hydrologic Soil Group: D

Description of Vidrine

Setting

Landform: Flats

Landform position (three-dimensional): Rise

Microfeatures of landform position: Mounds

Down-slope shape: Convex

Across-slope shape: Convex

Parent material: Loamy eolian deposits over clayey fluviomarine deposits of pleistocene age

Typical profile

A - 0 to 6 inches: silt loam

E - 6 to 14 inches: silt loam

Bt/E - 14 to 18 inches: silty clay

Btg - 18 to 65 inches: silty clay

BCtg - 65 to 80 inches: silty clay loam

Properties and qualities

Slope: 0 to 2 percent

Depth to restrictive feature: More than 80 inches

Natural drainage class: Somewhat poorly drained

Runoff class: Very high

Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.01 in/hr)

Depth to water table: About 14 to 24 inches

Frequency of flooding: None

Frequency of ponding: None

Salinity, maximum in profile: Nonsaline (0.0 to 1.0 mmhos/cm)

Sodium adsorption ratio, maximum in profile: 8.0

Available water storage in profile: High (about 9.9 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 2e

Hydrologic Soil Group: D

Minor Components

Egerly

Percent of map unit: 3 percent

Landform: Flats

Landform position (three-dimensional): Dip

Down-slope shape: Linear

Across-slope shape: Concave

Acadiana

Percent of map unit: 3 percent

Landform: Stream terraces

Landform position (three-dimensional): Riser

Down-slope shape: Linear

Across-slope shape: Convex

Frost

Percent of map unit: 2 percent

Landform: Depressions

Landform position (three-dimensional): Dip

Custom Soil Resource Report

Down-slope shape: Concave
Across-slope shape: Concave

Mowata

Percent of map unit: 2 percent
Landform: Depressions
Landform position (three-dimensional): Dip
Down-slope shape: Linear
Across-slope shape: Concave

GB—Ged mucky clay

Map Unit Setting

National map unit symbol: 1vvgb
Mean annual precipitation: 43 to 61 inches
Mean annual air temperature: 59 to 77 degrees F
Frost-free period: 259 to 313 days
Farmland classification: Not prime farmland

Map Unit Composition

Ged and similar soils: 80 percent
Minor components: 20 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Ged

Setting

Landform: Marshes
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Fluid clayey alluvium

Typical profile

H1 - 0 to 14 inches: mucky clay
H2 - 14 to 44 inches: clay
H3 - 44 to 60 inches: clay

Properties and qualities

Slope: 0 to 1 percent
Depth to restrictive feature: More than 80 inches
Natural drainage class: Very poorly drained
Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.06 in/hr)
Depth to water table: About 0 inches
Frequency of flooding: Frequent
Frequency of ponding: Frequent
Available water storage in profile: High (about 9.6 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Custom Soil Resource Report

Land capability classification (nonirrigated): 7w
Hydrologic Soil Group: D

Minor Components

Minor components

Percent of map unit: 20 percent

GC—Gentilly muck, 0 to 0.5 percent slopes, very frequently flooded

Map Unit Setting

National map unit symbol: 2tpnh
Elevation: 0 feet
Mean annual precipitation: 59 to 67 inches
Mean annual air temperature: 63 to 79 degrees F
Frost-free period: 219 to 365 days
Farmland classification: Not prime farmland

Map Unit Composition

Gentilly, very frequently flooded, and similar soils: 80 percent
Minor components: 20 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Gentilly, Very Frequently Flooded

Setting

Landform: Marshes
Landform position (three-dimensional): Dip
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Thin herbaceous organic material over semifluid clayey over consolidated clayey alluvium

Typical profile

Oa - 0 to 10 inches: muck
Cg1 - 10 to 40 inches: clay
Cg2 - 40 to 79 inches: clay

Properties and qualities

Slope: 0 to 1 percent
Depth to restrictive feature: More than 80 inches
Natural drainage class: Very poorly drained
Runoff class: Negligible
Capacity of the most limiting layer to transmit water (Ksat): Low to moderately low (0.01 to 0.06 in/hr)
Depth to water table: About 0 inches
Frequency of flooding: Very frequent
Frequency of ponding: Frequent
Salinity, maximum in profile: Slightly saline to strongly saline (4.0 to 16.0 mmhos/cm)
Sodium adsorption ratio, maximum in profile: 16.0

Custom Soil Resource Report

Available water storage in profile: High (about 10.4 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 7w

Hydrologic Soil Group: D

Minor Components

Clovelly, very frequently flooded

Percent of map unit: 15 percent

Landform: Marshes

Landform position (three-dimensional): Dip

Down-slope shape: Linear

Across-slope shape: Linear

Lafitte, very frequently flooded

Percent of map unit: 5 percent

Landform: Marshes

Landform position (three-dimensional): Dip

Down-slope shape: Linear

Across-slope shape: Linear

Mr—Edgerly loam, 0 to 1 percent slopes

Map Unit Setting

National map unit symbol: 2qrt8

Elevation: 0 to 20 feet

Mean annual precipitation: 52 to 66 inches

Mean annual air temperature: 57 to 79 degrees F

Frost-free period: 245 to 304 days

Farmland classification: All areas are prime farmland

Map Unit Composition

Edgerly and similar soils: 82 percent

Minor components: 18 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Edgerly

Setting

Landform: Flats

Down-slope shape: Linear

Across-slope shape: Linear

Parent material: Loamy fluviomarine deposits of pleistocene age

Typical profile

Ap - 0 to 7 inches: loam

Bt - 7 to 31 inches: loam

Btg - 31 to 80 inches: clay loam

Custom Soil Resource Report

Properties and qualities

Slope: 0 to 1 percent

Depth to restrictive feature: More than 80 inches

Natural drainage class: Poorly drained

Runoff class: Low

Capacity of the most limiting layer to transmit water (Ksat): Moderately low to moderately high (0.06 to 0.20 in/hr)

Depth to water table: About 18 to 30 inches

Frequency of flooding: Rare

Frequency of ponding: None

Salinity, maximum in profile: Nonsaline to slightly saline (0.0 to 4.0 mmhos/cm)

Sodium adsorption ratio, maximum in profile: 4.0

Available water storage in profile: High (about 12.0 inches)

Interpretive groups

Land capability classification (irrigated): 3w

Land capability classification (nonirrigated): 3w

Hydrologic Soil Group: D

Minor Components

Leton

Percent of map unit: 6 percent

Landform: Flats, drainageways

Kaplan

Percent of map unit: 4 percent

Landform: Ridges

Vidrine

Percent of map unit: 3 percent

Landform: Ridges, flats

Microfeatures of landform position: Mounds

Midland

Percent of map unit: 2 percent

Landform: Flats, depressions

Crowley

Percent of map unit: 2 percent

Landform: Ridges

Mowata

Percent of map unit: 1 percent

Landform: Drainageways, flats

Mt—Mowata-Vidrine complex, 0 to 1 percent slopes

Map Unit Setting

National map unit symbol: 2thq6

Elevation: 10 to 80 feet

Mean annual precipitation: 59 to 66 inches

Custom Soil Resource Report

Mean annual air temperature: 67 to 72 degrees F
Frost-free period: 240 to 304 days
Farmland classification: All areas are prime farmland

Map Unit Composition

Mowata and similar soils: 60 percent
Vidrine and similar soils: 30 percent
Minor components: 10 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Mowata

Setting

Landform: Drainageways
Landform position (three-dimensional): Dip
Down-slope shape: Linear
Across-slope shape: Concave
Parent material: Late pleistocene age loamy fluviomarine deposits derived from igneous, metamorphic and sedimentary rock

Typical profile

Ap - 0 to 8 inches: silt loam
Eg - 8 to 18 inches: silt loam
Btg/E - 18 to 34 inches: clay loam
Btg - 34 to 80 inches: silty clay

Properties and qualities

Slope: 0 to 1 percent
Depth to restrictive feature: More than 80 inches
Natural drainage class: Poorly drained
Runoff class: Negligible
Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.06 in/hr)
Depth to water table: About 0 to 24 inches
Frequency of flooding: Rare
Frequency of ponding: None
Salinity, maximum in profile: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum in profile: 2.0
Available water storage in profile: High (about 11.9 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 3w
Hydrologic Soil Group: D

Description of Vidrine

Setting

Landform: Flats
Landform position (three-dimensional): Rise
Microfeatures of landform position: Mounds
Down-slope shape: Convex
Across-slope shape: Convex
Parent material: Loamy eolian deposits over clayey fluviomarine deposits of pleistocene age

Custom Soil Resource Report

Typical profile

A - 0 to 6 inches: silt loam
E - 6 to 19 inches: silt loam
Bt/E - 19 to 22 inches: silt loam
Btg - 22 to 60 inches: silty clay
BCtg - 60 to 80 inches: silty clay loam

Properties and qualities

Slope: 0 to 2 percent
Depth to restrictive feature: More than 80 inches
Natural drainage class: Somewhat poorly drained
Runoff class: Very high
Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.01 in/hr)
Depth to water table: About 14 to 24 inches
Frequency of flooding: None
Frequency of ponding: None
Salinity, maximum in profile: Nonsaline (0.0 to 1.0 mmhos/cm)
Sodium adsorption ratio, maximum in profile: 8.0
Available water storage in profile: High (about 10.0 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 2e
Hydrologic Soil Group: D

Minor Components

Crowley

Percent of map unit: 3 percent
Landform: Terraces
Landform position (three-dimensional): Riser
Microfeatures of landform position: Bars
Down-slope shape: Convex
Across-slope shape: Linear

Leton

Percent of map unit: 3 percent
Landform: Depressions
Landform position (three-dimensional): Dip
Down-slope shape: Concave
Across-slope shape: Concave

Elderly

Percent of map unit: 2 percent
Landform: Flats
Landform position (three-dimensional): Dip
Down-slope shape: Linear
Across-slope shape: Concave

Midland

Percent of map unit: 2 percent
Landform: Terraces
Landform position (three-dimensional): Tread
Microfeatures of landform position: Open depressions
Down-slope shape: Linear
Across-slope shape: Concave

Custom Soil Resource Report

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Custom Soil Resource Report

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Geyer, Joshua

From: Mouton, Mitchell - NRCS, ALEXANDRIA, LA <mitchell.mouton@la.usda.gov>
Sent: Wednesday, August 10, 2016 2:30 PM
To: Castille, Barbara
Cc: Woods, Will; Batiste, Katherine; Adams, Gabriel; Geyer, Joshua
Subject: RE: Brine Disposal Pipeline Replacement Project - Strategic Petroleum Reserve - West Hackberry Facility - Cameron Parish, Louisiana

Thank you very much.

-Mitchell

From: Castille, Barbara [<mailto:blcastille@sbinfra.com>]
Sent: Tuesday, August 09, 2016 5:11 PM
To: Mouton, Mitchell - NRCS, ALEXANDRIA, LA <mitchell.mouton@la.usda.gov>
Cc: Woods, Will <Will.Woods@spr.doe.gov>; Batiste, Katherine <Katherine.Batiste@spr.doe.gov>; Adams, Gabriel <Gabriel.Adams@spr.doe.gov>; Geyer, Joshua <jageyer@sbinfra.com>
Subject: RE: Brine Disposal Pipeline Replacement Project - Strategic Petroleum Reserve - West Hackberry Facility - Cameron Parish, Louisiana

Mr. Mouton—

We are pleased to provide you with the GIS shape files for the brine disposal pipeline replacement project as requested. For your review, we have attached 4 files. The 1st file contains an overview map for use with the GIS shape files. The 2nd file contains the GIS shape files. The shape files represent the maximum area of proposed disturbance along the pipeline corridor which includes the existing pipeline easement, the immediately adjacent proposed pipeline easement and a temporary construction easement. The 3rd file contains the Web Soil Survey soil information for the project area. The 4th file contains the Web Soil Survey prime farmland soils for the project area.

If you have any questions following your review of the attached information, please let me know or feel free to contact Gabriel Adams.

Thank you for your review of this important project.

Sincerely,

Barbara

Barbara Castille
Manager, Environmental Planning

S&B Infrastructure, Ltd.
530 Wells Fargo Drive
Houston, Texas 77090
Direct: (713) 845-5392
Main: (713) 845-5401
Cell: (281) 960-6421
blcastille@sbinfra.com

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named recipient, or have reason to believe you are not or should not be one of the named recipients, please notify sender accordingly by reply e-mail and delete all copies of this message prior to forwarding, copying or otherwise reproducing this message or attachments thereto. Thank you.

From: Adams, Gabriel [<mailto:Gabriel.Adams@spr.doe.gov>]
Sent: Monday, August 08, 2016 10:49 AM
To: Castille, Barbara; Fogle, William
Cc: Woods, Will; Batiste, Katherine; Wesley, Louis; Sevcik, Bob
Subject: FW: Brine Disposal Pipeline Replacement Project - Strategic Petroleum Reserve - West Hackberry Facility - Camercon Parish, Louisiana
Importance: High

Barbara,

Please see the email below from the NRCS for Louisiana.

Please advise.

Gabriel Adams, REM | **Fluor Federal Petroleum Operations, LLC** | Pollution Prevention Specialist, Environmental Department |
Contractor to the U. S. Department of Energy SPR | gabriel.adams@spr.doe.gov | O 504.734.4503 | F 504.818.5503

From: Woods, Will
Sent: Monday, August 08, 2016 10:25 AM
To: Adams, Gabriel <Gabriel.Adams@SPR.DOE.GOV>
Subject: FW: Brine Disposal Pipeline Replacement Project - Strategic Petroleum Reserve - West Hackberry Facility - Camercon Parish, Louisiana

Gabe: Please forward as appropriate and cc me.

From: Mouton, Mitchell - NRCS, ALEXANDRIA, LA [<mailto:mitchell.mouton@la.usda.gov>]
Sent: Monday, August 08, 2016 9:56 AM
To: Woods, Will <Will.Woods@SPR.DOE.GOV>
Subject: Brine Disposal Pipeline Replacement Project - Strategic Petroleum Reserve - West Hackberry Facility - Camercon Parish, Louisiana

Mr. Woods,

For the above referenced project do you have a GIS Shapefile that will have the location of the 50-100 feet of land adjacent to the existing pipeline that will be permanently converted to additional right-of-way? I need to be able to determine the soil type and acreage for this area.

Thanks,

Mitchell Mouton
Assistant State Soil Scientist
USDA-NRCS Soils Section
3737 Government Street
Work (318) 473-7789
Work Cell (337) 412-9304
Email: mitchell.mouton@la.usda.gov

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Castille, Barbara

From: Adams, Gabriel <Gabriel.Adams@spr.doe.gov>
Sent: Tuesday, August 16, 2016 6:23 AM
To: Castille, Barbara
Cc: Fogle, William; Geyer, Joshua
Subject: FW: USDA Natural Resources Conservation Service - WH Brine Pipeline Replacement Project
Attachments: FFPA Review Depart of Natural REsources Conservation Service.pdf

Barbara,

Another agency response.

Regards,

Gabriel Adams, REM | **Fluor Federal Petroleum Operations, LLC** | Pollution Prevention Specialist, Environmental Department |

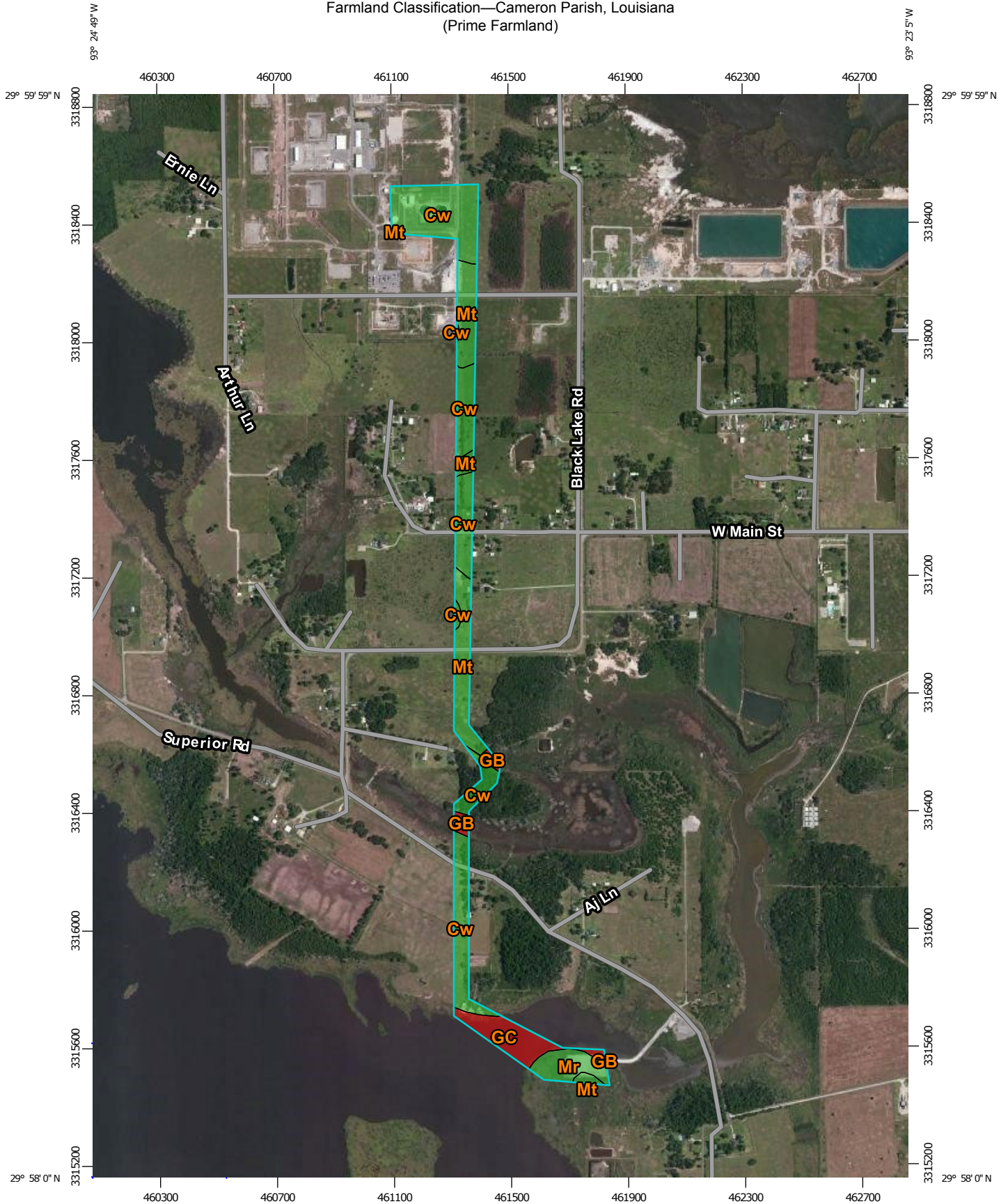
Contractor to the U. S. Department of Energy SPR | gabriel.adams@spr.doe.gov | O 504.734.4503 | F 504.818.5503

From: Woods, Will
Sent: Monday, August 15, 2016 1:18 PM
To: Adams, Gabriel <Gabriel.Adams@SPR.DOE.GOV>
Cc: Batiste, Katherine <Katherine.Batiste@SPR.DOE.GOV>
Subject: USDA Natural Resources Conservation Service - WH Brine Pipeline Replacement Project

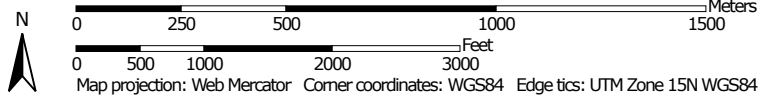
For your action as appropriate.

I received the attached documents this morning from the USDA, Natural Resources Conservation Service, regarding the WH Brine Pipeline Replacement Project.

Farmland Classification—Cameron Parish, Louisiana
(Prime Farmland)



Map Scale: 1:18,000 if printed on A portrait (8.5" x 11") sheet.




Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 15N WGS84

Farmland Classification—Cameron Parish, Louisiana
(Prime Farmland)









MAP LEGEND








Area of Interest (AOI)

 Area of Interest (AOI)




Soils








Soil Rating Polygons






-  Not prime farmland
-  All areas are prime farmland
-  Prime farmland if drained
-  Prime farmland if protected from flooding or not frequently flooded during the growing season
-  Prime farmland if irrigated
-  Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season
-  Prime farmland if irrigated and drained
-  Prime farmland if irrigated and either protected from flooding or not frequently flooded during the growing season

-  Prime farmland if subsoiled, completely removing the root inhibiting soil layer
-  Prime farmland if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60
-  Prime farmland if irrigated and reclaimed of excess salts and sodium
-  Farmland of statewide importance
-  Farmland of local importance
-  Farmland of unique importance
-  Not rated or not available







Soil Rating Lines










-  Not prime farmland
-  All areas are prime farmland
-  Prime farmland if drained

-  Prime farmland if protected from flooding or not frequently flooded during the growing season
-  Prime farmland if irrigated
-  Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season
-  Prime farmland if irrigated and drained
-  Prime farmland if irrigated and either protected from flooding or not frequently flooded during the growing season
-  Prime farmland if subsoiled, completely removing the root inhibiting soil layer
-  Prime farmland if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60

-  Prime farmland if irrigated and reclaimed of excess salts and sodium
-  Farmland of statewide importance
-  Farmland of local importance
-  Farmland of unique importance
-  Not rated or not available

Soil Rating Points


-  Not prime farmland
-  All areas are prime farmland
-  Prime farmland if drained
-  Prime farmland if protected from flooding or not frequently flooded during the growing season
-  Prime farmland if irrigated
-  Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season

-  Prime farmland if irrigated and drained
-  Prime farmland if irrigated and either protected from flooding or not frequently flooded during the growing season
-  Prime farmland if subsoiled, completely removing the root inhibiting soil layer
-  Prime farmland if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60
-  Prime farmland if irrigated and reclaimed of excess salts and sodium
-  Farmland of statewide importance
-  Farmland of local importance
-  Farmland of unique importance
-  Not rated or not available

Water Features

Farmland Classification—Cameron Parish, Louisiana
(Prime Farmland)

MAP INFORMATION

 Streams and Canals


Transportation

 Rails


 Interstate Highways

 US Routes

 Major Roads

 Local Roads

Background

 Aerial Photography

The soil surveys that comprise your AOI were mapped at 1:24,000.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL: <http://websoilsurvey.nrcs.usda.gov>
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Cameron Parish, Louisiana
Survey Area Data: Version 13, Sep 28, 2015

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Feb 7, 2011—May 26, 2011

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Farmland Classification

Farmland Classification— Summary by Map Unit — Cameron Parish, Louisiana (LA023)				
Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
Cw	Crowley-Vidrine complex, 0 to 1 percent slopes	All areas are prime farmland	35.4	54.4%
GB	Ged mucky clay	Not prime farmland	1.6	2.4%
GC	Gentilly muck, 0 to 0.5 percent slopes, very frequently flooded	Not prime farmland	7.6	11.7%
Mr	Edgerly loam, 0 to 1 percent slopes	All areas are prime farmland	5.3	8.2%
Mt	Mowata-Vidrine complex, 0 to 1 percent slopes	All areas are prime farmland	15.2	23.3%
Totals for Area of Interest			65.0	100.0%

Description

Farmland classification identifies map units as prime farmland, farmland of statewide importance, farmland of local importance, or unique farmland. It identifies the location and extent of the soils that are best suited to food, feed, fiber, forage, and oilseed crops. NRCS policy and procedures on prime and unique farmlands are published in the "Federal Register," Vol. 43, No. 21, January 31, 1978.

Rating Options

Aggregation Method: No Aggregation Necessary

Tie-break Rule: Lower



August 10, 2016

Mr. Will Woods
Environmental Specialist - Department of Energy
SPR Project Management Office
Environmental, Safety, and Health Division
900 Commerce Road East
New Orleans, LA 70123

RE: Brine Disposal Pipeline Replacement Project - Strategic Petroleum Reserve
West Hackberry Facility, Cameron Parish, Louisiana

Dear Mr. Woods:

I have reviewed the above referenced project for potential requirements of the Farmland Protection Policy Act (FPPA) and potential impact to Natural Resource Conservation Service projects in the immediate vicinity.

Projects are subject to FPPA requirements if they may irreversibly convert farmland (directly or indirectly) to nonagricultural use and are completed by a federal agency or with assistance from a federal agency. For the purpose of FPPA, farmland includes prime farmland, unique farmland, and land of statewide or local importance. Farmland subject to FPPA requirements can be forest land, pastureland, cropland, or other land, but not water or urban built-up land.

The project map and narrative submitted with your request indicates that the proposed new pipeline will potentially impact the following prime or unique farmland soils:

Soil Mapunit Symbol and Name	Acres	RV
Cw – Crowley-Vidrine complex, 0 to 1 percent slopes	17.5	87
Mr – Edgerly loam, 0 to 1 percent slopes	0.5	100
Mt – Mowata-Vidrine complex, 0 to 1 percent slopes	8.3	87
	26.3	Avg. RV 87

Please find attached a CPA-106 'Farmland Conversion Impact Rating for Corridor Type Projects' form with our agencies information completed. Furthermore, we do not predict impacts to NRCS work in the vicinity.

For specific information about the soils found in the project area, please visit our Web Soil Survey at the following location: <http://websoilsurvey.nrcs.usda.gov/>. Also, for more information on FPPA requirements or the process to receive a Farmland Conversion Impact Rating (Form AD-1006 or CPA-106) please visit the following location: <http://www.nrcs.usda.gov/wps/portal/nrcs/main/national/landuse/fppa/>

Please direct all future correspondence to me at the address shown below.

Respectfully,

Acting for: Kevin Norton
State Conservationist

Attachment

FARMLAND CONVERSION IMPACT RATING
FOR CORRIDOR TYPE PROJECTS

PART I (To be completed by Federal Agency)		3. Date of Land Evaluation Request 8/5/16	4. Sheet 1 of _____
1. Name of Project Brine Disposal Pipeline Replacement Project	5. Federal Agency Involved Department of Energy		
2. Type of Project New Pipeline	6. County and State Cameron Parish, Louisiana		

PART II (To be completed by NRCS)		1. Date Request Received by NRCS 8/6/16	2. Person Completing Form M. Mouton
3. Does the corridor contain prime, unique statewide or local important farmland? (If no, the FPPA does not apply - Do not complete additional parts of this form). YES <input checked="" type="checkbox"/> NO <input checked="" type="checkbox"/>		4. Acres Irrigated Average Farm Size 590	
5. Major Crop(s) Rice and Soybeans	6. Farmable Land in Government Jurisdiction Acres: 566,352 % 76	7. Amount of Farmland As Defined in FPPA Acres: 500,847 % 72	
8. Name Of Land Evaluation System Used Cameron Parish LESA	9. Name of Local Site Assessment System N/A	10. Date Land Evaluation Returned by NRCS 8/10/16	

PART III (To be completed by Federal Agency)	Alternative Corridor For Segment _____			
	Corridor A	Corridor B	Corridor C	Corridor D
A. Total Acres To Be Converted Directly				
B. Total Acres To Be Converted Indirectly, Or To Receive Services				
C. Total Acres In Corridor				

PART IV (To be completed by NRCS) Land Evaluation Information				
A. Total Acres Prime And Unique Farmland	26.3			
B. Total Acres Statewide And Local Important Farmland				
C. Percentage Of Farmland in County Or Local Govt. Unit To Be Converted	<0.0001			
D. Percentage Of Farmland in Govt. Jurisdiction With Same Or Higher Relative Value	16.3			

PART V (To be completed by NRCS) Land Evaluation Information Criterion Relative value of Farmland to Be Serviced or Converted (Scale of 0 - 100 Points)	87			
--	----	--	--	--

PART VI (To be completed by Federal Agency) Corridor Assessment Criteria (These criteria are explained in 7 CFR 658.5(c))	Maximum Points				
1. Area in Nonurban Use	15				
2. Perimeter in Nonurban Use	10				
3. Percent Of Corridor Being Farmed	20				
4. Protection Provided By State And Local Government	20				
5. Size of Present Farm Unit Compared To Average	10				
6. Creation Of Nonfarmable Farmland	25				
7. Availability Of Farm Support Services	5				
8. On-Farm Investments	20				
9. Effects Of Conversion On Farm Support Services	25				
10. Compatibility With Existing Agricultural Use	10				
TOTAL CORRIDOR ASSESSMENT POINTS	160	0	0	0	0

PART VII (To be completed by Federal Agency)					
Relative Value Of Farmland (From Part V)	100	87	0	0	0
Total Corridor Assessment (From Part VI above or a local site assessment)	160	0	0	0	0
TOTAL POINTS (Total of above 2 lines)	260	87	0	0	0

1. Corridor Selected:	2. Total Acres of Farmlands to be Converted by Project:	3. Date Of Selection:	4. Was A Local Site Assessment Used? YES <input type="checkbox"/> NO <input type="checkbox"/>
-----------------------	---	-----------------------	--

5. Reason For Selection:

Signature of Person Completing this Part: _____ DATE _____

NOTE: Complete a form for each segment with more than one Alternate Corridor

CORRIDOR - TYPE SITE ASSESSMENT CRITERIA

The following criteria are to be used for projects that have a linear or corridor - type site configuration connecting two distant points, and crossing several different tracts of land. These include utility lines, highways, railroads, stream improvements, and flood control systems. Federal agencies are to assess the suitability of each corridor - type site or design alternative for protection as farmland along with the land evaluation information.

(1) How much land is in nonurban use within a radius of 1.0 mile from where the project is intended?

More than 90 percent - 15 points
90 to 20 percent - 14 to 1 point(s)
Less than 20 percent - 0 points

(2) How much of the perimeter of the site borders on land in nonurban use?

More than 90 percent - 10 points
90 to 20 percent - 9 to 1 point(s)
Less than 20 percent - 0 points

(3) How much of the site has been farmed (managed for a scheduled harvest or timber activity) more than five of the last 10 years?

More than 90 percent - 20 points
90 to 20 percent - 19 to 1 point(s)
Less than 20 percent - 0 points

(4) Is the site subject to state or unit of local government policies or programs to protect farmland or covered by private programs to protect farmland?

Site is protected - 20 points
Site is not protected - 0 points

(5) Is the farm unit(s) containing the site (before the project) as large as the average - size farming unit in the County ?

(Average farm sizes in each county are available from the NRCS field offices in each state. Data are from the latest available Census of Agriculture, Acreage or Farm Units in Operation with \$1,000 or more in sales.)

As large or larger - 10 points
Below average - deduct 1 point for each 5 percent below the average, down to 0 points if 50 percent or more below average - 9 to 0 points

(6) If the site is chosen for the project, how much of the remaining land on the farm will become non-farmable because of interference with land patterns?

Acreage equal to more than 25 percent of acres directly converted by the project - 25 points
Acreage equal to between 25 and 5 percent of the acres directly converted by the project - 1 to 24 point(s)
Acreage equal to less than 5 percent of the acres directly converted by the project - 0 points

(7) Does the site have available adequate supply of farm support services and markets, i.e., farm suppliers, equipment dealers, processing and storage facilities and farmer's markets?

All required services are available - 5 points
Some required services are available - 4 to 1 point(s)
No required services are available - 0 points

(8) Does the site have substantial and well-maintained on-farm investments such as barns, other storage building, fruit trees and vines, field terraces, drainage, irrigation, waterways, or other soil and water conservation measures?

High amount of on-farm investment - 20 points
Moderate amount of on-farm investment - 19 to 1 point(s)
No on-farm investment - 0 points

(9) Would the project at this site, by converting farmland to nonagricultural use, reduce the demand for farm support services so as to jeopardize the continued existence of these support services and thus, the viability of the farms remaining in the area?

Substantial reduction in demand for support services if the site is converted - 25 points
Some reduction in demand for support services if the site is converted - 1 to 24 point(s)
No significant reduction in demand for support services if the site is converted - 0 points

(10) Is the kind and intensity of the proposed use of the site sufficiently incompatible with agriculture that it is likely to contribute to the eventual conversion of surrounding farmland to nonagricultural use?

Proposed project is incompatible to existing agricultural use of surrounding farmland - 10 points
Proposed project is tolerable to existing agricultural use of surrounding farmland - 9 to 1 point(s)
Proposed project is fully compatible with existing agricultural use of surrounding farmland - 0 points

Geyer, Joshua

From: Castille, Barbara
Sent: Tuesday, August 30, 2016 4:02 PM
To: kevin.norton@la.usda.gov
Cc: Adams, Gabriel (Gabriel.Adams@spr.doe.gov); Batiste, Katherine (Katherine.Batiste@spr.doe.gov); Woods, Will (Will.Woods@spr.doe.gov); Geyer, Joshua
Subject: FW: USDA Natural Resources Conservation Service - WH Brine Pipeline Replacement Project
Attachments: FPPA Review Depart of Natural REsources Conservation Service.pdf; NRCS_CPA_106 Form_toKNorton_083016_FINAL.pdf

Mr. Norton—

Attached for your review is the completed Farmland Conversion Impact Rating Form For Corridor Type Projects (NRCS-CPA-106). This form was completed for the proposed West Hackberry Brine Disposal Pipeline Replacement Project located in Hackberry, Louisiana.

If you have any questions as you review the form, please feel free to contact Mr. Will Woods or Mr. Gabriel Adams at the email addresses listed on this email.

Many thanks,

Barbara

Barbara Castille
Manager, Environmental Planning

S&B Infrastructure, Ltd.
530 Wells Fargo Drive
Houston, Texas 77090
Direct: (713) 845-5392
Main: (713) 845-5401
Cell: (281) 960-6421
bcastille@sbinfra.com

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From: Adams, Gabriel [<mailto:Gabriel.Adams@spr.doe.gov>]
Sent: Tuesday, August 16, 2016 6:23 AM
To: Castille, Barbara
Cc: Fogle, William; Geyer, Joshua
Subject: FW: USDA Natural Resources Conservation Service - WH Brine Pipeline Replacement Project

Barbara,

Another agency response.

Regards,

Gabriel Adams, REM | [Fluor Federal Petroleum Operations, LLC](#) | Pollution Prevention Specialist, Environmental Department |
Contractor to the U. S. Department of Energy SPR | gabriel.adams@spr.doe.gov | O 504.734.4503 | F 504.818.5503

From: Woods, Will

Sent: Monday, August 15, 2016 1:18 PM

To: Adams, Gabriel <Gabriel.Adams@SPR.DOE.GOV>

Cc: Batiste, Katherine <Katherine.Batiste@SPR.DOE.GOV>

Subject: USDA Natural Resources Conservation Service - WH Brine Pipeline Replacement Project

For your action as appropriate.

I received the attached documents this morning from the USDA, Natural Resources Conservation Service, regarding the WH Brine Pipeline Replacement Project.

**FARMLAND CONVERSION IMPACT RATING
FOR CORRIDOR TYPE PROJECTS**

PART I (To be completed by Federal Agency)	3. Date of Land Evaluation Request 8/5/16	4. Sheet 1 of _____
---	---	---------------------

1. Name of Project Brine Disposal Pipeline Replacement Project	5. Federal Agency Involved Department of Energy
---	--

2. Type of Project New Pipeline	6. County and State Cameron Parish, Louisiana
--	--

PART II (To be completed by NRCS)		1. Date Request Received by NRCS	2. Person Completing Form
3. Does the corridor contain prime, unique statewide or local important farmland? (If no, the FPPA does not apply - Do not complete additional parts of this form).		YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	4. Acres Irrigated Average Farm Size
5. Major Crop(s)	6. Farmable Land in Government Jurisdiction Acres: _____ %	7. Amount of Farmland As Defined in FPPA Acres: _____ %	
8. Name Of Land Evaluation System Used	9. Name of Local Site Assessment System	10. Date Land Evaluation Returned by NRCS	

PART III (To be completed by Federal Agency)	Alternative Corridor For Segment			
	Corridor A	Corridor B	Corridor C	Corridor D
A. Total Acres To Be Converted Directly	0			
B. Total Acres To Be Converted Indirectly, Or To Receive Services	0			
C. Total Acres In Corridor	32.93			

PART IV (To be completed by NRCS) Land Evaluation Information				
A. Total Acres Prime And Unique Farmland				
B. Total Acres Statewide And Local Important Farmland				
C. Percentage Of Farmland in County Or Local Govt. Unit To Be Converted				
D. Percentage Of Farmland in Govt. Jurisdiction With Same Or Higher Relative Value				

PART V (To be completed by NRCS) Land Evaluation Information Criterion Relative value of Farmland to Be Serviced or Converted (Scale of 0 - 100 Points)

PART VI (To be completed by Federal Agency) Corridor Assessment Criteria (These criteria are explained in 7 CFR 658.5(c))	Maximum Points				
1. Area in Nonurban Use	15	13			
2. Perimeter in Nonurban Use	10	9			
3. Percent Of Corridor Being Farmed	20	0			
4. Protection Provided By State And Local Government	20	0			
5. Size of Present Farm Unit Compared To Average	10	0			
6. Creation Of Nonfarmable Farmland	25	0			
7. Availability Of Farm Support Services	5	5			
8. On-Farm Investments	20	0			
9. Effects Of Conversion On Farm Support Services	25	0			
10. Compatibility With Existing Agricultural Use	10	0			
TOTAL CORRIDOR ASSESSMENT POINTS	160	27	0	0	0

PART VII (To be completed by Federal Agency)					
Relative Value Of Farmland (From Part V)	100	87	0	0	0
Total Corridor Assessment (From Part VI above or a local site assessment)	160	27	0	0	0
TOTAL POINTS (Total of above 2 lines)	260	114	0	0	0

1. Corridor Selected: Corridor A	2. Total Acres of Farmlands to be Converted by Project: 0.00	3. Date Of Selection: 8/30/16	4. Was A Local Site Assessment Used? YES <input type="checkbox"/> NO <input type="checkbox"/>
--	--	---	--

5. Reason For Selection:
The Build Alternative and the No Build Alternative were the only alternatives advanced for study. The No Build Alternative would not meet the purpose and need of the proposed brine disposal pipeline replacement project. The proposed pipeline will be located immediately adjacent to the existing pipeline. All Prime and Unique Farmland within the project area is utilized for pastureland, transportation corridors, residential structures and the SPR Facility. No property designated as Prime and Unique Farmland, within the project area, is actively utilized for crop production or farming.

Signature of Person Completing this Part: Josh Geyer and Barbara Castille	DATE 8/30/16
---	------------------------

NOTE: Complete a form for each segment with more than one Alternate Corridor

CORRIDOR - TYPE SITE ASSESSMENT CRITERIA

The following criteria are to be used for projects that have a linear or corridor - type site configuration connecting two distant points, and crossing several different tracts of land. These include utility lines, highways, railroads, stream improvements, and flood control systems. Federal agencies are to assess the suitability of each corridor - type site or design alternative for protection as farmland along with the land evaluation information.

(1) How much land is in nonurban use within a radius of 1.0 mile from where the project is intended?

More than 90 percent - 15 points
90 to 20 percent - 14 to 1 point(s)
Less than 20 percent - 0 points

(2) How much of the perimeter of the site borders on land in nonurban use?

More than 90 percent - 10 points
90 to 20 percent - 9 to 1 point(s)
Less than 20 percent - 0 points

(3) How much of the site has been farmed (managed for a scheduled harvest or timber activity) more than five of the last 10 years?

More than 90 percent - 20 points
90 to 20 percent - 19 to 1 point(s)
Less than 20 percent - 0 points

(4) Is the site subject to state or unit of local government policies or programs to protect farmland or covered by private programs to protect farmland?

Site is protected - 20 points
Site is not protected - 0 points

(5) Is the farm unit(s) containing the site (before the project) as large as the average - size farming unit in the County ?

(Average farm sizes in each county are available from the NRCS field offices in each state. Data are from the latest available Census of Agriculture, Acreage or Farm Units in Operation with \$1,000 or more in sales.)
As large or larger - 10 points
Below average - deduct 1 point for each 5 percent below the average, down to 0 points if 50 percent or more below average - 9 to 0 points

(6) If the site is chosen for the project, how much of the remaining land on the farm will become non-farmable because of interference with land patterns?

Acreage equal to more than 25 percent of acres directly converted by the project - 25 points
Acreage equal to between 25 and 5 percent of the acres directly converted by the project - 1 to 24 point(s)
Acreage equal to less than 5 percent of the acres directly converted by the project - 0 points

(7) Does the site have available adequate supply of farm support services and markets, i.e., farm suppliers, equipment dealers, processing and storage facilities and farmer's markets?

All required services are available - 5 points
Some required services are available - 4 to 1 point(s)
No required services are available - 0 points

(8) Does the site have substantial and well-maintained on-farm investments such as barns, other storage building, fruit trees and vines, field terraces, drainage, irrigation, waterways, or other soil and water conservation measures?

High amount of on-farm investment - 20 points
Moderate amount of on-farm investment - 19 to 1 point(s)
No on-farm investment - 0 points

(9) Would the project at this site, by converting farmland to nonagricultural use, reduce the demand for farm support services so as to jeopardize the continued existence of these support services and thus, the viability of the farms remaining in the area?

Substantial reduction in demand for support services if the site is converted - 25 points
Some reduction in demand for support services if the site is converted - 1 to 24 point(s)
No significant reduction in demand for support services if the site is converted - 0 points

(10) Is the kind and intensity of the proposed use of the site sufficiently incompatible with agriculture that it is likely to contribute to the eventual conversion of surrounding farmland to nonagricultural use?

Proposed project is incompatible to existing agricultural use of surrounding farmland - 10 points
Proposed project is tolerable to existing agricultural use of surrounding farmland - 9 to 1 point(s)
Proposed project is fully compatible with existing agricultural use of surrounding farmland - 0 points

Geyer, Joshua

From: Adams, Gabriel <Gabriel.Adams@spr.doe.gov>
Sent: Monday, September 12, 2016 11:49 AM
To: Castille, Barbara
Subject: FW: NMFS letter drsp Sep 12, 2016, RE: EA for proposed "Brine Disposal Pipeline Project, West Hackberry Facility" (Docket No. 16-ESH-006) by undated letter
Attachments: NMFS letter drsp Sep 12, 2016, EA for proposed "Brine Disposal Pipeline Project, West Hackberry Facility" (Docket No. 16-ESH-006) by undated letter.pdf
Importance: High
Follow Up Flag: Follow up
Flag Status: Flagged

Here is a new letter.

Gabriel Adams, REM | [Fluor Federal Petroleum Operations, LLC](#) | Pollution Prevention Specialist, Environmental Department |
Contractor to the U. S. Department of Energy SPR | gabriel.adams@spr.doe.gov | O 504.734.4503 | F 504.818.5503

From: Jan Koellen - NOAA Federal [<mailto:jan.koellen@noaa.gov>]
Sent: Monday, September 12, 2016 11:32 AM
To: Woods, Will <Will.Woods@SPR.DOE.GOV>
Cc: Adams, Gabriel <Gabriel.Adams@SPR.DOE.GOV>; Rusty Swafford <rusty.swafford@noaa.gov>; David Dale <david.dale@noaa.gov>; Sharon Rolfes <Sharon.Rolfes@noaa.gov>
Subject: NMFS letter drsp Sep 12, 2016, RE: EA for proposed "Brine Disposal Pipeline Project, West Hackberry Facility" (Docket No. 16-ESH-006) by undated letter

See attached.

--
Jan Koellen
Office Automation
Baton Rouge Office
NOAA NMFS HCD
225-389-0508x202
jan.koellen@noaa.gov



UNITED STATES DEPARTMENT OF COMMERCE

National Oceanic and Atmospheric Administration

NATIONAL MARINE FISHERIES SERVICE

Southeast Regional Office

263 13th Avenue South

St. Petersburg, Florida 33701-5505

<http://sero.nmfs.noaa.gov>

September 12, 2016 F/SER46/BH:jk
225/389-0508

Mr. Will Woods, Project Manager
U.S. Department of Energy
900 Commerce East
New Orleans, Louisiana 70123

Dear Mr. Woods:

NOAA's National Marine Fisheries Service (NMFS) has received an undated letter from Mr. William Gibson of the Department of Energy (DOE) announcing their plans to prepare an Environmental Assessment (EA) for the proposed "**Brine Disposal Pipeline Project, West Hackberry Facility**" (Docket No. 16-ESH-006). The DOE proposes to replace an existing brine disposal pipeline between the Strategic Petroleum Reserve West Hackberry facility and associated brine injection well near Hackberry in Cameron Parish, Louisiana. The DOE is requesting comments on resources and issues to be addressed in the EA for this proposed action.

Wetlands potentially impacted by construction of the project consist of saline to brackish marsh vegetated with saltgrass, smooth cordgrass, and marshhay cordgrass. Depending on the tidal connectivity and location of the wetlands in the project area, they could be categorized as essential fish habitat (EFH) for postlarval and/or juvenile life stages of white shrimp, brown shrimp, gray snapper, lane snapper, and red drum. Primary categories of EFH which may be in the project area include estuarine emergent wetlands, estuarine water column, and estuarine mud bottoms. Detailed information on EFH for federally managed fishery species is provided in the 2005 generic amendment of the Fishery Management Plans for the Gulf of Mexico prepared by the Gulf of Mexico Fishery Management Council (GMFMC). The generic amendment was prepared as required by the Magnuson-Stevens Fishery Conservation and Management Act (Magnuson-Stevens Act; P.L. 104-297).

In addition to being designated as EFH, wetlands in the project area provide nursery and foraging habitats supportive of a variety of economically important marine fishery species, including striped mullet, Atlantic croaker, gulf menhaden, spotted and sand seatrout, southern flounder, and blue crab. Some of these species serve as prey for other fish species managed under the Magnuson-Stevens Act by the GMFMC (e.g., mackerels, snappers, and groupers) and highly migratory species managed by the NMFS (e.g., billfishes and sharks). These wetlands also produce nutrients and detritus, important components of the aquatic food web, which contribute to the overall productivity of the Calcasieu Lake estuary. We recommend the EA fully describe the use of various habitats in the project area by these species.

To fully address EFH and estuarine-dependent fisheries of the project area, we recommend the EA include sections titled "Essential Fish Habitat" and "Fishery Resources" which describe the potential impacts of the proposed project on the various categories of EFH and non-tidal wetlands and on marine fishery species within the project area. The EFH section should analyze the



potential impacts of the proposed project on federally managed species and life stages utilizing these categories of EFH and fully evaluate alternative measures to avoid, minimize, and offset adverse impacts to EFH and marine fishery species. Descriptive and analytical information, coupled with a statement of the DOE's conclusions regarding the effects of the action on EFH and marine fishery species would provide the basic details necessary for an EFH assessment pursuant to the requirements of 50 CFR 600.920(e).

The NMFS recommends a section titled "Mitigation" be included in the EA which discusses measures to avoid, minimize, and offset impacts to EFH and non-tidal wetlands. The EA should not assume all wetland areas disturbed "temporarily" by installation of the pipeline will return to pre-existing conditions. Rather, the EA should include a monitoring plan to evaluate the degree to which areas impacted by project implementation recover from construction activities. Additionally, the EA should discuss compensatory mitigation alternatives for all wetland areas which do not fully recover from project implementation. If specifics of the mitigation plan are not included in the draft EA, the document should clearly state any compensatory mitigation plan to offset impacts to EFH or non-tidal wetlands would be developed in consultation with NMFS, and would include monitoring components, success criteria, and an identification of additional steps which might be necessary to ensure mitigation success.

We appreciate your consideration of our comments and request notification once the EA is published. If you wish to discuss this project further or have questions concerning our recommendations, please contact Brandon Howard at (225) 389-0508, extension 207.

Sincerely,



Virginia M. Fay
Assistant Regional Administrator
Habitat Conservation Division

c:
DOE, Gabriel Adams
F/SER46, Swafford
F/SER4, Dale, Rolfes
Files

Geyer, Joshua

From: Adams, Gabriel <Gabriel.Adams@spr.doe.gov>
Sent: Thursday, September 15, 2016 7:35 AM
To: Westbrook, Thomas; Wesley, Louis; Sevcik, Bob; Castille, Barbara
Cc: Woods, Will; Batiste, Katherine
Subject: FW: C20160130 DOE Strategic Petroleum Reserve
Attachments: C20160130 let DOE SPR.pdf

Follow Up Flag: Follow up
Flag Status: Flagged

Please see.

Gabriel Adams, REM | [Fluor Federal Petroleum Operations, LLC](#) | Pollution Prevention Specialist, Environmental Department |
Contractor to the U. S. Department of Energy SPR | gabriel.adams@spr.doe.gov | O 504.734.4503 | F 504.818.5503

From: Jeff Harris [<mailto:Jeff.Harris@LA.GOV>]
Sent: Thursday, September 15, 2016 7:30 AM
To: Gibson, Hoot <Hoot.Gibson@SPR.DOE.GOV>
Cc: Woods, Will <Will.Woods@SPR.DOE.GOV>; Adams, Gabriel <Gabriel.Adams@SPR.DOE.GOV>; darrell.barbara@usace.army.mil; Rod Pierce <Rod.Pierce@LA.GOV>; kb_cppi@camtel.net; Dave Butler <dbutler@wlf.la.gov>
Subject: C20160130 DOE Strategic Petroleum Reserve

Mr. Gibson—

In response to your request, please find the attached comment letter from the Louisiana Department of Natural Resources, Office of Coastal Management, in regards to the proposed replacement of a brine disposal pipeline at the West Hackberry SPR facility.

Please write or call if there are any questions.

Thank you,

--Jeff

Jeff Harris
Consistency Section
Office of Coastal Management
Louisiana Department of Natural Resources
(225) 342-7949

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State of Louisiana
DEPARTMENT OF NATURAL RESOURCES
OFFICE OF COASTAL MANAGEMENT

September 15, 2016

William C. Gibson, Jr.
Department of Energy
Strategic Petroleum Reserve
Project Management Office
900 Commerce East
New Orleans, LA 70123
Via e-mail: william.gibson@spr.doe.gov

Re: **C20160130 Coastal Zone Consistency**
Department of Energy Strategic Petroleum Reserve (SPR)
Direct Federal Action
Brine Disposal Pipeline Replacement Project, Strategic Petroleum Reserve, West
Hackberry Facility, **Cameron Parish**

Dear Mr. Gibson:

The Louisiana Department of Natural Resources, Office of Coastal Management (OCM), has reviewed your letter, received August 8, 2016, requesting comments on the referenced project (copy attached for your reference).

The Department of Energy (DOE) intends to prepare an Environmental Assessment (EA) for the replacement of an existing brine disposal pipeline near Hackberry, Louisiana. The proposed activity includes abandonment-in-place of the existing 2.1-mile brine pipeline; installation of a new pipeline along an adjacent path; and acquisition of permanent and temporary Rights of Way for the pipeline and construction activities, respectively.

These actions will occur within the Louisiana coastal zone and so will, at the appropriate planning stage, require consistency review by OCM pursuant to the Coastal Zone Management Act of 1970, as amended (CZMA).

Broadly, OCM is concerned with any reasonably foreseeable effects on the land use, water use, or natural resources of the coastal zone. Of particular concern is the prevention of the loss of wetlands. Your consistency determination and EA should address the measures to be taken to avoid and minimize the adverse impacts to coastal wetlands. Compensatory mitigation will be required for any unavoidable losses to habitat value, including indirect and cumulative losses.

It is the policy of OCM that all pipelines in the coastal zone are to be removed upon decommissioning; therefore the proposed abandonment in place of the existing brine pipeline is

C20160130
William Gibson, Jr.
September 15, 2016
Page 2

unlikely to be found to be consistent with the Louisiana Coastal Resources Program. DOE should instead plan to remove the pipeline, and evaluate the resulting environmental impacts as well as those of the installation of its replacement.

OCM appreciates the opportunity to provide comments at this early stage of project planning. Please notify our office of the availability of the draft EA for review. If you should have any questions on this matter, please contact Jeff Harris of the Consistency Section at (225) 342-7949 or Jeff.Harris@LA.gov.

Sincerely yours,

/S/ Don Haydel

Acting Administrator
Interagency Affairs/Field Services Division

DH/SK/jdh

ATTACHMENT

cc: Will Woods, PMO
Gabriel Adams, FFPO
Darrell Barbara, COE-NOD
Rod Peirce, OCM/FI
Kara Bonsall, Cameron Parish
Dave Butler, LDWF



Department of Energy
Strategic Petroleum Reserve Project Management Office
900 Commerce East
New Orleans, Louisiana 70123

C20160130
SOV
JDH

16-ESH-006

Mr. Karl Morgan
Louisiana Department of Natural Resources
Office of Coastal Management
Permits/Mitigation Division
P.O. Box 44487
Baton Rouge, LA 70821-4487

OFFICE OF COASTAL MANAGEMENT

2016 AUG - 8 PM 2: 04

RECEIVED

BRINE DISPOSAL PIPELINE REPLACEMENT PROJECT, STRATEGIC
PETROLEUM RESERVE, WEST HACKBERRY FACILITY, CAMERON PARISH,
LOUISIANA

Dear Mr. Morgan:

Pursuant to the National Environmental Policy Act, the United States Department of Energy (DOE) intends to prepare an Environmental Assessment (EA) for the proposed replacement of the existing brine disposal pipeline (the Pipeline) between the Strategic Petroleum Reserve (SPR) West Hackberry (WH) facility and the associated brine injection wells near Hackberry, Cameron Parish, Louisiana. Both the existing and proposed brine disposal pipelines are approximately 2.1 miles in length. The potential environmental impacts of this proposed project would be evaluated in conformance with DOE and Council on Environmental Quality (CEQ) regulations and provisions. A description of the WH facility and the proposed project are provided below.

The WH storage facility includes approximately 2.29 square kilometers (565 acres) of land atop the WH salt dome. The WH salt dome was selected as a storage site early in the SPR program as the existing brine caverns could be readily converted to oil storage as well as the site's optimal proximity to commercial marine and pipeline crude oil distribution facilities. The WH facility was developed by the DOE in 1977 to store petroleum products that may be presidentially ordered into the marketplace to alleviate the effects of a supply disruption to the United States. Brine is injected into and/or pumped out of the WH salt dome utilizing the Pipeline and brine injection wells when deemed necessary to fulfill mission requirements. The Pipeline which connects the WH facility to the brine injection wells was permitted in 1978 and began operation upon completion, and is near the end of the Pipeline's functional lifespan. The Pipeline is proposed to be replaced to allow for continued, optimum operations at the WH facility.

As part of the brine pipeline replacement project (proposed action), the DOE proposes to replace the Pipeline by installing a new brine disposal pipeline; the existing Pipeline would be abandoned-in-place. The new Pipeline would be installed adjacent to the existing pipeline except near Johnson Lane in which the current Pipeline traverses' property between two single-family residences.

Implementation of the proposed action would require the acquisition of new rights-of-way. The associated new land acquisition effort would consist of both perpetual pipeline easements required for the proposed replacement Pipeline, as well as temporary construction easements required for construction activities. Approximately 50-100 feet of land adjacent to the Pipeline would be required to install, operate, and maintain the replacement of Pipeline. One construction staging area would be located on a temporary construction easement contiguous to the Pipeline near the northern project limits. Additionally, a 25-foot temporary construction easement would be required along the Pipeline corridor.

The pipeline would traverse lands within the 100-year floodplain, wetlands and open water habitats associated with Black Lake. In accordance with 10 Code of Federal Regulations (CFR) Part 1022 (Compliance with Floodplain and Wetland Environmental Review Requirements), the DOE would prepare a floodplain and wetlands assessment as well as a statement of findings and would perform this proposed action in a manner so as to avoid or minimize potential harm to or within the affected floodplain or wetlands. The floodplain and wetlands assessment would be included in the EA prepared for the proposed action.

The Louisiana Department of Natural Resources has been identified as part of an outreach effort under National Environmental Protection Agency (NEPA) for a review of resources under your agency's jurisdiction. In this regard, DOE respectfully requests your comments regarding any potential impacts of this proposed project that should be considered during the preparation of the Environmental Assessment for this action. In your response to this request for input from your agency, please indicate if your agency would like to be notified of the availability of the draft EA for review.

Mr. Karl Morgan

3

Please direct any written comments or requests for additional information to Mr. Will Woods, Environmental Specialist, DOE, SPR Project Management Office (PMO), Environmental, Safety, and Health Division, 900 Commerce Road East, New Orleans, Louisiana 70123, or by email at Will.Woods@spr.doe.gov. You may also contact Mr. Gabriel Adams, Fluor Federal Petroleum Operations (FFPO), Management and Operating Contractor, DOE, SPRPMO at (504) 734-4503, or by email at Gabriel.Adams@spr.doe.gov.

Thank you in advance for your expeditious attention to this project.

Sincerely,

A handwritten signature in black ink that reads "William C. Gibson, Jr." with a stylized flourish at the end.

William C. Gibson, Jr.
Project Manager

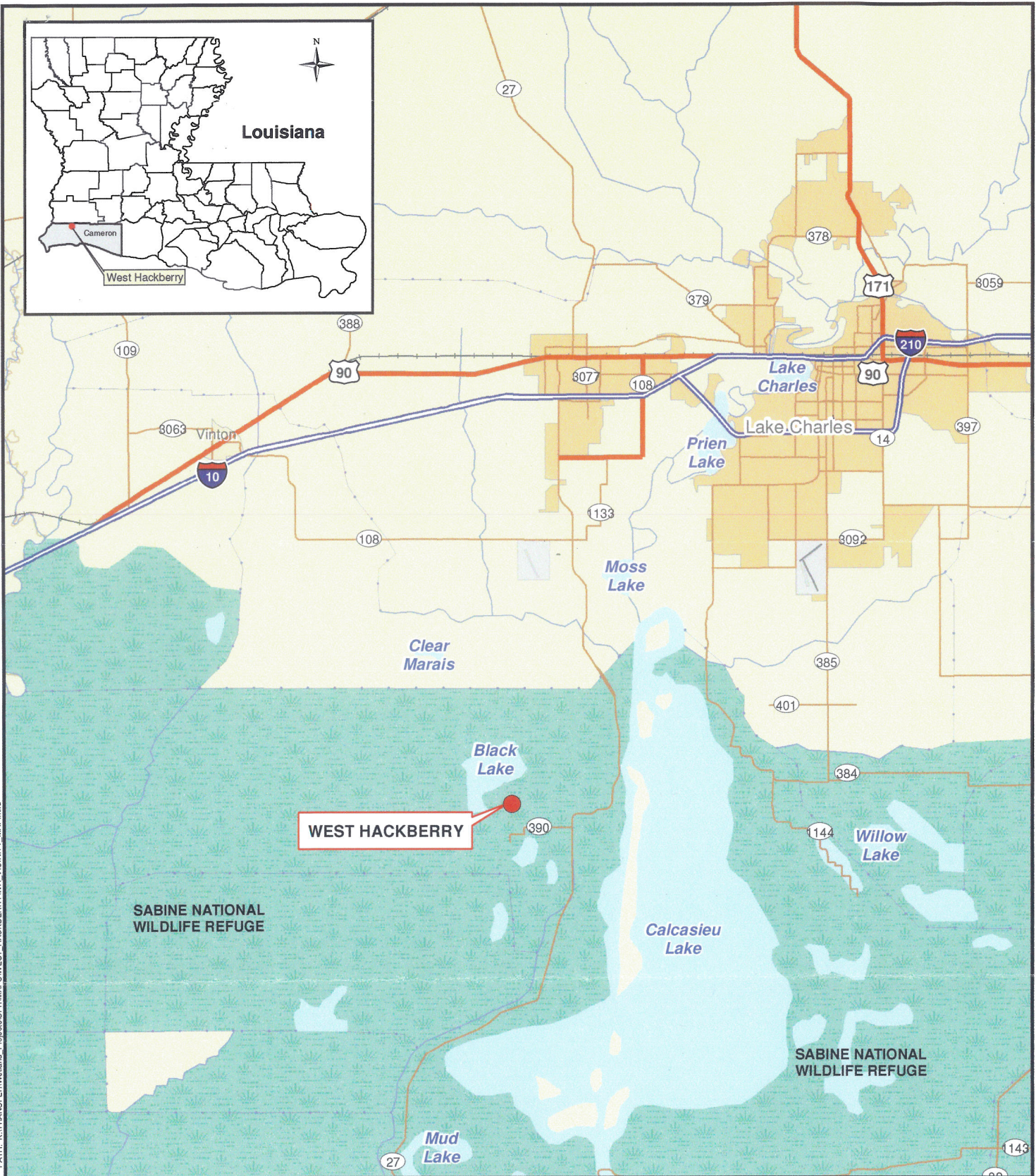
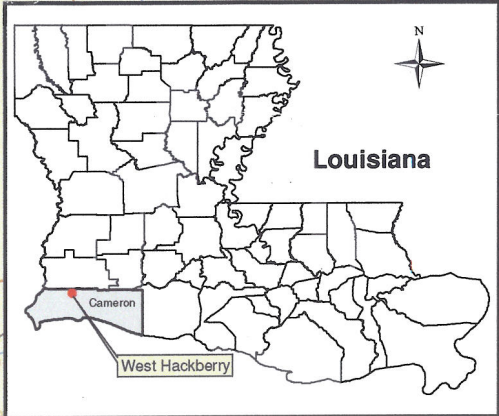
FE-4441 (KBatiste)

Enclosure

cc:

G. Adams, FFPO

B. Castille, S&B



PATH: K:\TRANSFER\Wetland - Projects\SPR\MAPS\WEST_HACKBERRY\WH_VICINITY_MAP.mxd

SOURCE: ESRI StreetMap USA

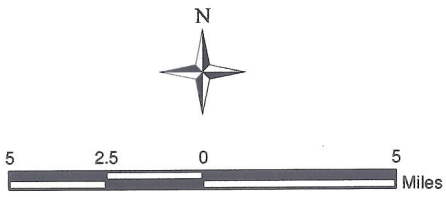


EXHIBIT 1 VICINITY MAP

Brine Line Replacement Pipe Route Project
West Hackberry, Strategic Petroleum Reserve
Cameron Parish, Louisiana

Geyer, Joshua

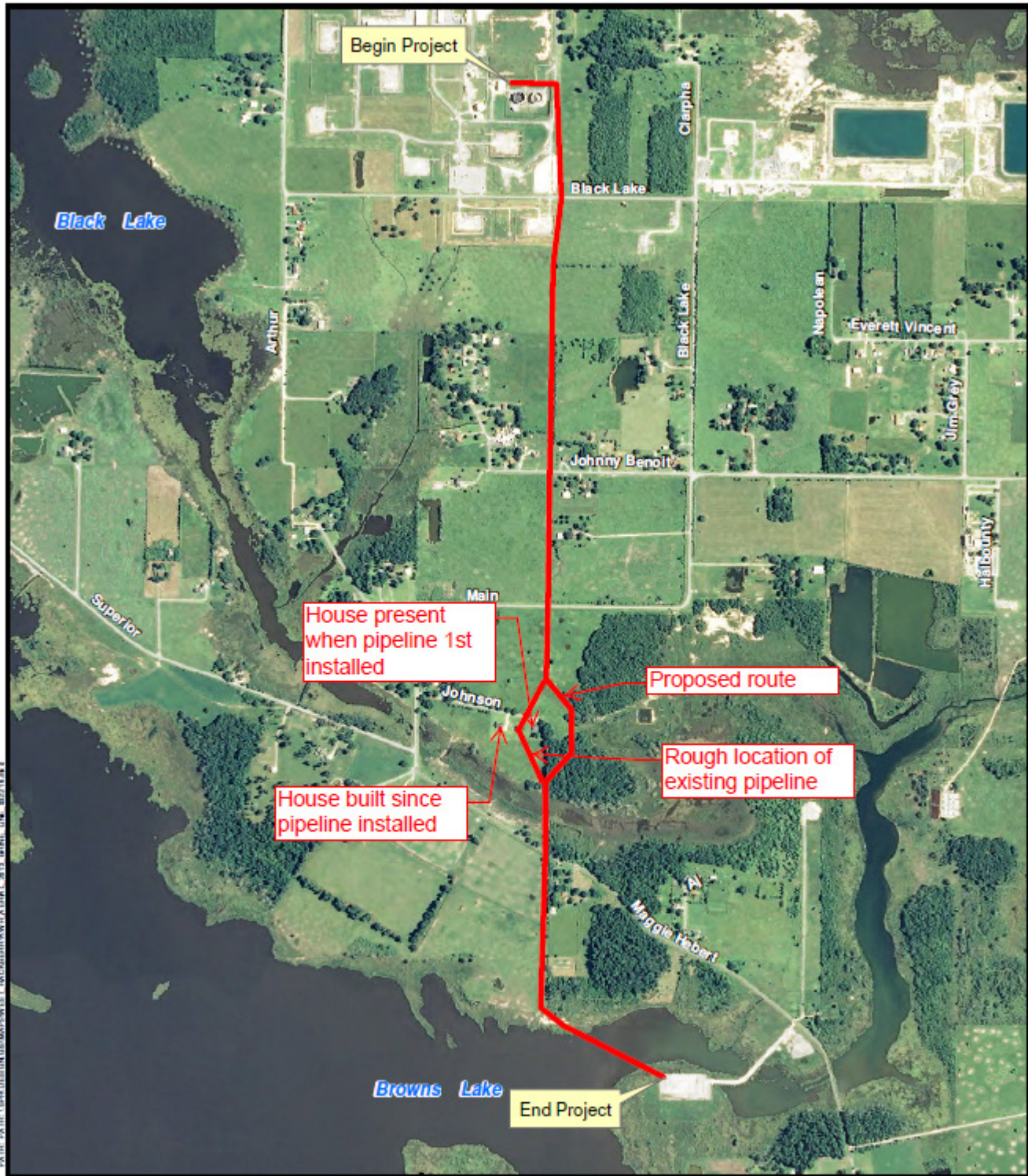
From: Adams, Gabriel <Gabriel.Adams@spr.doe.gov>
Sent: Tuesday, October 04, 2016 1:40 PM
To: Harris, Jeff
Cc: Castille, Barbara; Fogle, William; Sevcik, Bob
Subject: RE: DOE EA 2039 WH Brine Line Replacement LA DNR OCM C20160130

Importance: High

Jeff,

When you look at the red line route on the maps, that is the proposed route. Where the route jogs to the east of a house is where we propose to change from the original route. When the pipeline was originally installed, there was only one house and the pipeline jogged to the west of the house. Since that time a second house was built and that put a house on both sides of the pipeline, leading to the change to go to the east away from both houses.

Do you understand what I have said? If not, please let me know.



PATH: F:\31111-LEADS DESIGN\GEMAPS\SW-EST-INDICATOR\WHA\Aerial_2013_DNRNE_0106_002118109.dwg

SOURCE: USDA-NRIP, 2013

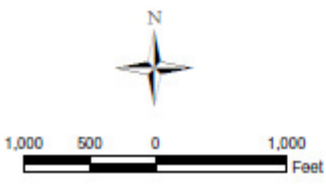


EXHIBIT 4 AERIAL PHOTOGRAPH, 2013

Brine Disposal Pipeline Replacement Project
 West Hackberry, Strategic Petroleum Reserve
 Cameron Parish, Louisiana

Regards,

Gabriel Adams, REM | [Fluor Federal Petroleum Operations, LLC](#) | Pollution Prevention Specialist, Environmental Department |
Contractor to the U. S. Department of Energy SPR | gabriel.adams@spr.doe.gov|O 504.734.4503|F 504.818.5503

From: Jeff Harris [<mailto:Jeff.Harris@LA.GOV>]
Sent: Tuesday, September 27, 2016 3:29 PM
To: Adams, Gabriel <Gabriel.Adams@SPR.DOE.GOV>
Subject: RE: DOE EA 2039 WH Brine Line Replacement LA DNR OCM C20160130

More than enough, thanks. One question, though – As I recall the replacement would diverge from the route of the existing pipeline, for a part of the route. Have those details been worked out yet?

--Jeff

From: Adams, Gabriel [<mailto:Gabriel.Adams@SPR.DOE.GOV>]
Sent: Tuesday, September 27, 2016 2:22 PM
To: Jeff Harris
Cc: Castille, Barbara; Sevcik, Bob
Subject: RE: DOE EA 2039 WH Brine Line Replacement LA DNR OCM C20160130

Jeff,

Does this give you enough detail?

Please advise.

Gabriel Adams, REM | [Fluor Federal Petroleum Operations, LLC](#) | Pollution Prevention Specialist, Environmental Department |
Contractor to the U. S. Department of Energy SPR | gabriel.adams@spr.doe.gov|O 504.734.4503|F 504.818.5503

From: Jeff Harris [<mailto:Jeff.Harris@LA.GOV>]
Sent: Tuesday, September 27, 2016 2:09 PM
To: Adams, Gabriel <Gabriel.Adams@SPR.DOE.GOV>
Subject: RE: DOE EA 2039 WH Brine Line Replacement LA DNR OCM C20160130

6-7 MB for certain; maybe as much as 15? I'm not sure.

From: Adams, Gabriel [<mailto:Gabriel.Adams@SPR.DOE.GOV>]
Sent: Tuesday, September 27, 2016 2:08 PM
To: Jeff Harris
Subject: RE: DOE EA 2039 WH Brine Line Replacement LA DNR OCM C20160130

What is the size limit on your email server for attachments?

Thanks,

Gabriel Adams, REM | [Fluor Federal Petroleum Operations, LLC](#) | Pollution Prevention Specialist, Environmental Department |
Contractor to the U. S. Department of Energy SPR | gabriel.adams@spr.doe.gov|O 504.734.4503|F 504.818.5503

From: Jeff Harris [<mailto:Jeff.Harris@LA.GOV>]
Sent: Tuesday, September 27, 2016 2:04 PM
To: Adams, Gabriel <Gabriel.Adams@SPR.DOE.GOV>
Subject: Re: DOE EA 2039 WH Brine Line Replacement LA DNR OCM C20160130

Thanks, Gabriel.

If there's no objection, I'll be inviting the Consistency Section supervisor, Sara Krupa, and the Interagency Affairs Program Administrator Charles Reulet, to sit in as well.

It would be helpful if we had a plat showing the route of the current and proposed pipelines ahead of time, if those are available.

--Jeff

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Geyer, Joshua

From: Adams, Gabriel <Gabriel.Adams@spr.doe.gov>
Sent: Thursday, October 06, 2016 7:02 AM
To: Fogle, William; Castille, Barbara; Sevcik, Bob; Woods, Will; Vedros, Chris
Subject: FW: Brine pipeline route

Importance: High

FYI!!!!!!!!!!!!!!

Gabriel Adams, REM | **Fluor Federal Petroleum Operations, LLC** | Program Manager, Sustainability, Environmental & Sustainability Department |
Contractor to the U. S. Department of Energy SPR | gabriel.adams@spr.doe.gov | O 504.734.4503 | F 504.818.5503

From: Jeff Harris [<mailto:Jeff.Harris@LA.GOV>]
Sent: Thursday, October 06, 2016 7:00 AM
To: Adams, Gabriel <Gabriel.Adams@SPR.DOE.GOV>
Subject: Brine pipeline route

Gabriel—

To follow up on our teleconference yesterday, I'm forwarding an image from DNR's SONRIS GIS system showing the location of the soil borings I mentioned, in case it has implications to your planning and/or your NEPA documents.

The small purple icons on the image are all locations of Coastal Use Permits issued by the Office of Coastal Management. Most of them seem to be soil borings related to a law suit regarding oil & gas contamination; the yellow circle calls out those along the pipeline route. The Permit documents can be viewed at the following links.

P20141128

<http://ucmwww.dnr.state.la.us/ucmsearch/FindDocuments.aspx?idx=xrefnum&val=P20141128&qtype=eq>

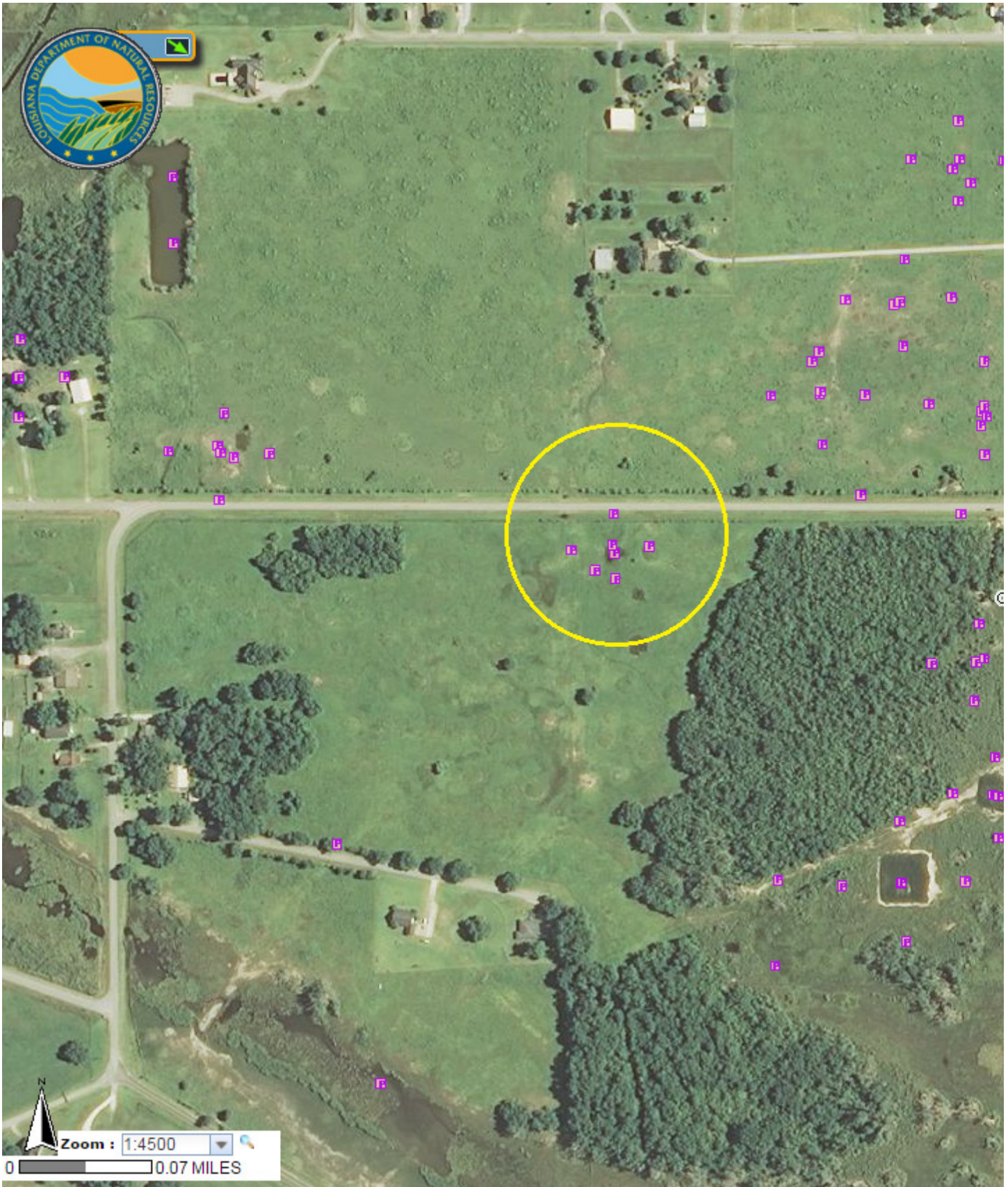
P20130716

<http://ucmwww.dnr.state.la.us/ucmsearch/FindDocuments.aspx?idx=xrefnum&val=P20130716&qtype=eq>

P20130141

<http://ucmwww.dnr.state.la.us/ucmsearch/FindDocuments.aspx?idx=xrefnum&val=P20130141&qtype=eq>

--Jeff



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Geyer, Joshua

From: Adams, Gabriel <Gabriel.Adams@spr.doe.gov>
Sent: Friday, September 23, 2016 10:07 AM
To: Castille, Barbara
Cc: Fogle, William
Subject: FW: DOE- Brine Disposal Pipeline Replacement Project, Strategic Petroleum Reserve
Attachments: DOE Brine Disposal Pipeline Project.pdf; DOE letter .pdf; 408 buffer areas.JPG; C20160130 DOE SPR.pdf

Follow Up Flag: Follow up
Flag Status: Flagged

Gabriel Adams, REM | Fluor Federal Petroleum Operations, LLC | Pollution Prevention Specialist,
Environmental Department | Contractor to the U. S. Department of Energy SPR |
gabriel.adams@spr.doe.gov | O 504.734.4503 | F 504.818.5503

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

From: Barbara, Darrell MVN [<mailto:Darrell.Barbara@usace.army.mil>]
Sent: Friday, September 23, 2016 9:57 AM
To: Woods, Will <Will.Woods@SPR.DOE.GOV>; Adams, Gabriel <Gabriel.Adams@SPR.DOE.GOV>
Cc: Jeff Harris <Jeff.Harris@LA.GOV>; Heffner, Robert A MVN <Robert.A.Heffner@usace.army.mil>;
Falk, Tracy A MVN <Tracy.A.Falk@usace.army.mil>; Little, James MVN
<James.Little@usace.army.mil>; Archer, Brenda A MVN <Brenda.A.Archer@usace.army.mil>
Subject: DOE- Brine Disposal Pipeline Replacement Project, Strategic Petroleum Reserve

DARRELL S. BARBARA

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

(504) 862-2261 / fax: (504) 862-2574

darrell.barbara@usace.army.mil



REPLY TO
ATTENTION OF

DEPARTMENT OF THE ARMY
CORPS OF ENGINEERS, NEW ORLEANS DISTRICT
7400 LEAKE AVENUE
NEW ORLEANS, LOUISIANA 70118

9/23/2016

Western Evaluation Section
Operations Division

SUBJECT: MVN-2016-1237-EFF
16-ESH-006 (DOE) Strategic Petroleum Reserve-Brine Disposal Pipeline Replacement Project

William C. Gibson, Jr.
Department of Energy
Strategic Petroleum Reserve
Project management Office
900 Commerce East
New Orleans, LA 70123

Dear Mr. Gibson:

Reference is made to your letter 16-ESH-006, requesting initial remarks and/or observations on your project to replace an existing brine disposal pipeline near Hackberry, Louisiana, in Cameron Parish. Work associated with this project will include abandonment in place of the existing 2.1 mile brine pipeline, installation of a new pipeline along an adjacent path, and acquisition of permanent and temporary rights of way for the pipeline and construction activities.

Based on your descriptions of the project and its locations, it is our initial assessment that a Department of the Army permit under Section 10 of the Rivers and Harbors Act of 1899 and/or Section 404 of the Clean Water Act (33 U.S.C. 1344) from this office will likely be required for the subject work. With that, it is recommended that you look to acquire a Jurisdictional Determination from our Surveillance and Enforcement Section (CEMVN-OD-SS) prior to submittal of your Joint Permit Application, as to help us properly assess impacts associated with the work, during our review of your application. Be aware that upon our review of your application, our permit decision reflects the national concern for both protecting and utilizing important resources such as those potentially affected by your proposal. According to the Section 404(b)(1) Guidelines, a permit cannot be issued for a non-water dependent activity if there is a feasible less damaging alternative available. Since the proposed activity may be located within a wetland, it must comply with criteria outlined on our Guidelines for Specification of Disposal Sites for Dredge or Fill Material (40 CFR Part 230). Specifically, Section 230.10 (a) requires that no discharge of dredge or fill material shall be granted if there is a less damaging practicable alternative to the proposed discharge. Where the applicant can demonstrate a lack of practicable alternatives, reveal the public and/or private benefit of the proposed project, and the authorization is not contrary to the overall public interest, a permit can usually be issued. Prior to permit issuance we must determine that impacts have been avoided to the maximum extent practicable, remaining unavoidable impacts are minimized, and a mitigation plan is developed to compensate any unavoidable loss of aquatic resources.

Your enclosed EXIBIT 1 Vicinity Map provides minimal location information, however be aware that the subject work may be located within an area that may alter or occupy an existing US Army Corps of Engineers Civil Works Project (see attached plat). Upon receipt of your Joint Permit Application, a copy will be forwarded to the appropriate Operations Manager with this District for their review, pursuant to 33 USC 408 (Section 408).

We look forward to being notified of the availability of a draft EA for review, and will provide any information or recommendations that we can to aid in processing your Department of the Army permit for the project. If you have any questions, feel free to contact Darrell S. Barbara with this office at (504) 862-2261 or at darrell.barbara@usace.army.mil.

Sincerely,

**BARBARA.DARR
ELL.SAM.123084
6096**

Digitally signed by
BARBARA.DARRELL.SAM.1230846096
DN: c=US, o=U.S. Government, ou=DoD,
ou=PKI, ou=USA,
cn=BARBARA.DARRELL.SAM.123084609
6
Date: 2016.09.23 09:52:17 -05'00'

Darrell S. Barbara
Chief, Western Evaluation Section
Regulatory Branch

C20160130
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JDH



Department of Energy
Strategic Petroleum Reserve Project Management Office
900 Commerce East
New Orleans, Louisiana 70123

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2016 AUG -8 PM 2: 04
OFFICE OF COASTAL MANAGEMENT

16-ESH-006

Mr. Karl Morgan
Louisiana Department of Natural Resources
Office of Coastal Management
Permits/Mitigation Division
P.O. Box 44487
Baton Rouge, LA 70821-4487

BRINE DISPOSAL PIPELINE REPLACEMENT PROJECT, STRATEGIC
PETROLEUM RESERVE, WEST HACKBERRY FACILITY, CAMERON PARISH,
LOUISIANA

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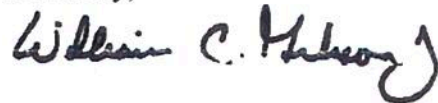
Mr. Karl Morgan

3

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Thank you in advance for your expeditious attention to this project.

Sincerely,

A handwritten signature in black ink that reads "William C. Gibson, Jr." with a stylized flourish at the end.

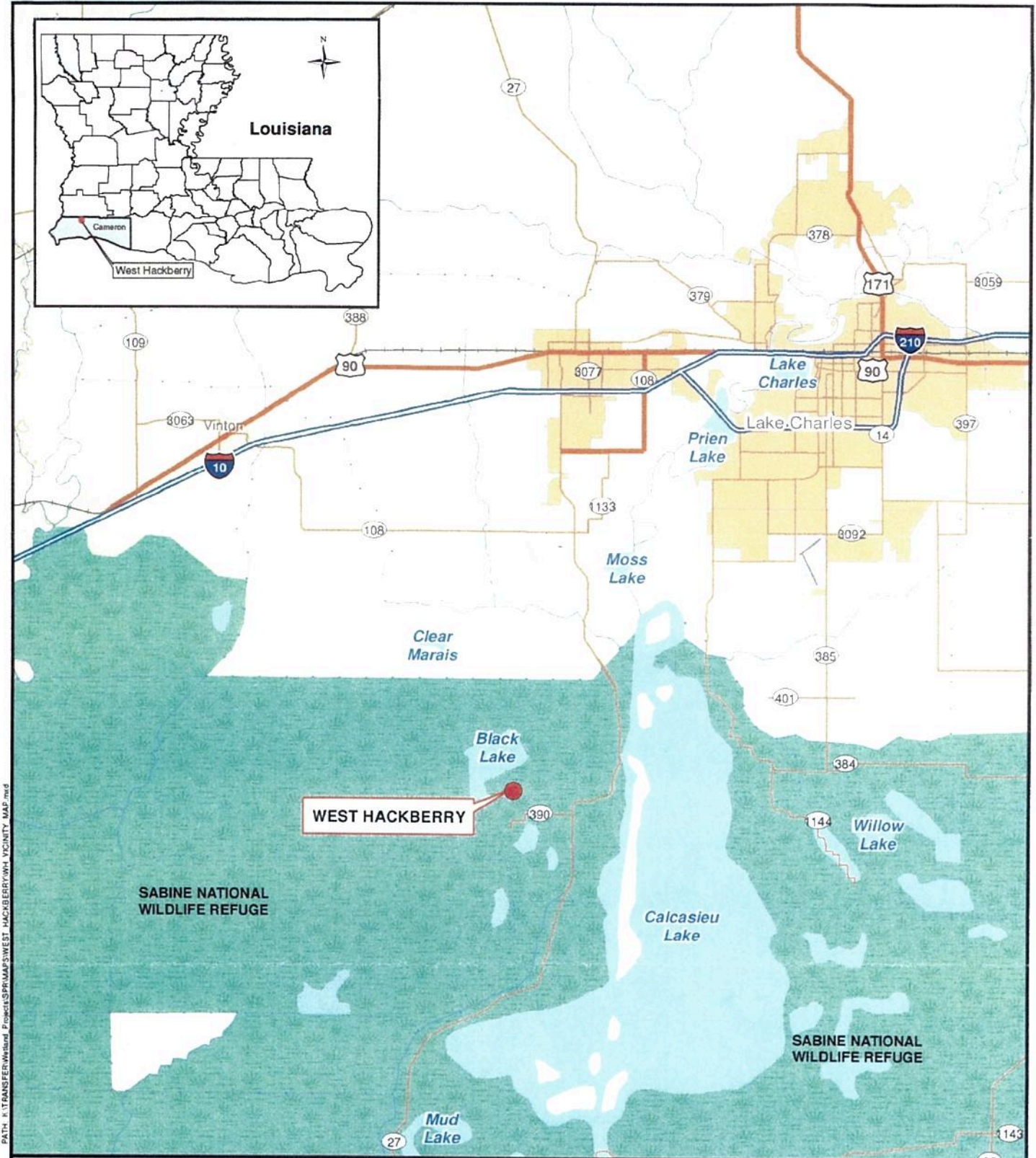
William C. Gibson, Jr.
Project Manager

FE-4441 (KBatiste)

Enclosure

cc:

G. Adams, FFPO
B. Castille, S&B



SOURCE: ESRI StreetMap USA

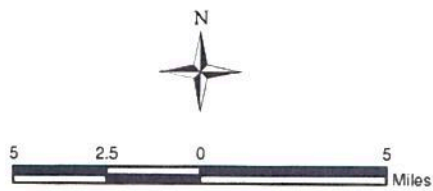
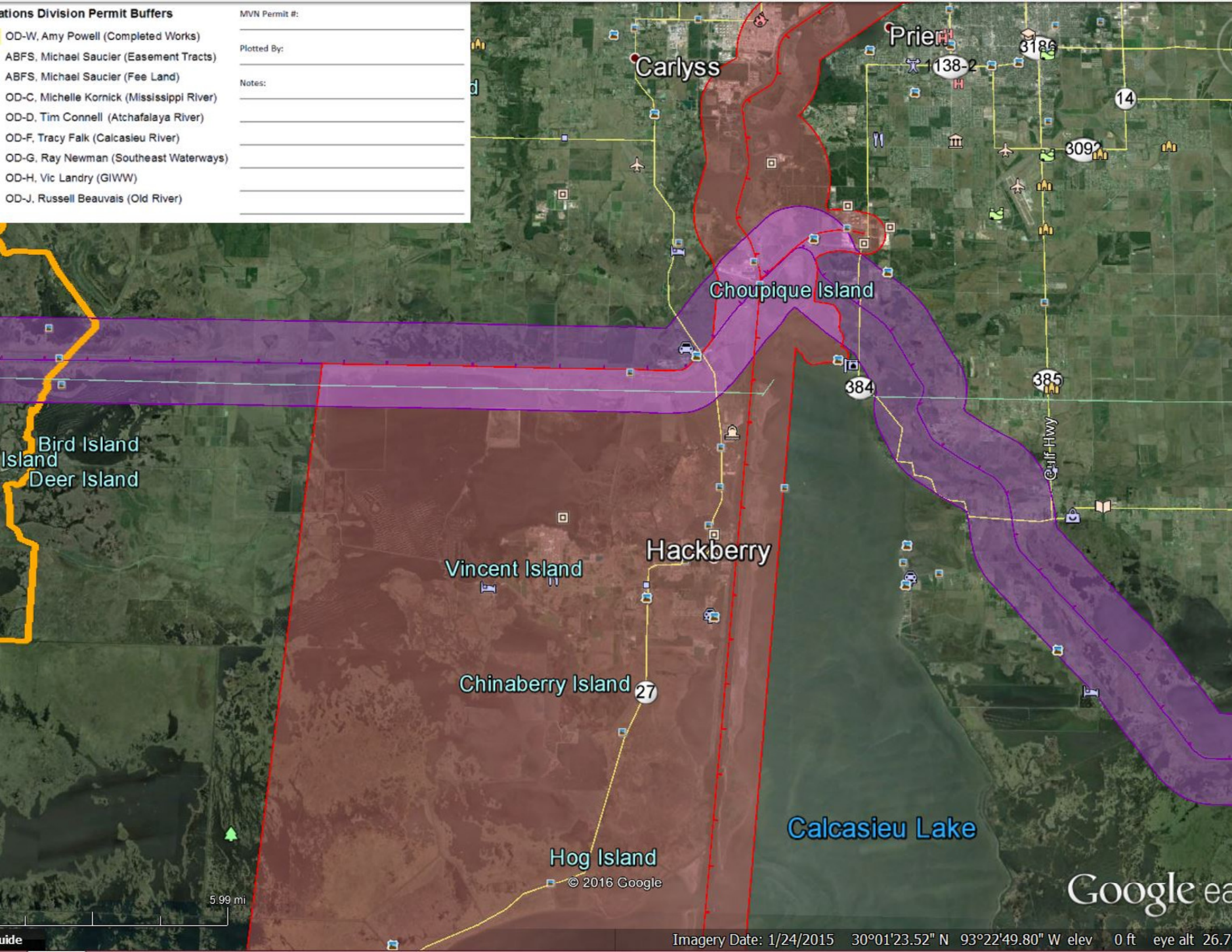


EXHIBIT 1 VICINITY MAP

Brine Line Replacement Pipe Route Project
West Hackberry, Strategic Petroleum Reserve
Cameron Parish, Louisiana

Operations Division Permit Buffers	
OD-W, Amy Powell (Completed Works)	MVN Permit #:
ABFS, Michael Saucier (Easement Tracts)	Plotted By:
ABFS, Michael Saucier (Fee Land)	Notes:
OD-C, Michelle Kornick (Mississippi River)	
OD-D, Tim Connell (Atchafalaya River)	
OD-F, Tracy Falk (Calcasieu River)	
OD-G, Ray Newman (Southeast Waterways)	
OD-H, Vic Landry (GIWW)	
OD-J, Russell Beauvais (Old River)	





State of Louisiana
DEPARTMENT OF NATURAL RESOURCES
OFFICE OF COASTAL MANAGEMENT

September 15, 2016

William C. Gibson, Jr.
Department of Energy
Strategic Petroleum Reserve
Project Management Office
900 Commerce East
New Orleans, LA 70123
Via e-mail: william.gibson@spr.doe.gov

Re: **C20160130 Coastal Zone Consistency**
Department of Energy Strategic Petroleum Reserve (SPR)
Direct Federal Action
Brine Disposal Pipeline Replacement Project, Strategic Petroleum Reserve, West
Hackberry Facility, **Cameron Parish**

Dear Mr. Gibson:

The Louisiana Department of Natural Resources, Office of Coastal Management (OCM), has reviewed your letter, received August 8, 2016, requesting comments on the referenced project (copy attached for your reference).

The Department of Energy (DOE) intends to prepare an Environmental Assessment (EA) for the replacement of an existing brine disposal pipeline near Hackberry, Louisiana. The proposed activity includes abandonment-in-place of the existing 2.1-mile brine pipeline; installation of a new pipeline along an adjacent path; and acquisition of permanent and temporary Rights of Way for the pipeline and construction activities, respectively.

These actions will occur within the Louisiana coastal zone and so will, at the appropriate planning stage, require consistency review by OCM pursuant to the Coastal Zone Management Act of 1970, as amended (CZMA).

Broadly, OCM is concerned with any reasonably foreseeable effects on the land use, water use, or natural resources of the coastal zone. Of particular concern is the prevention of the loss of wetlands. Your consistency determination and EA should address the measures to be taken to avoid and minimize the adverse impacts to coastal wetlands. Compensatory mitigation will be required for any unavoidable losses to habitat value, including indirect and cumulative losses.

It is the policy of OCM that all pipelines in the coastal zone are to be removed upon decommissioning; therefore the proposed abandonment in place of the existing brine pipeline is

C20160130
William Gibson, Jr.
September 15, 2016
Page 2

unlikely to be found to be consistent with the Louisiana Coastal Resources Program. DOE should instead plan to remove the pipeline, and evaluate the resulting environmental impacts as well as those of the installation of its replacement.

OCM appreciates the opportunity to provide comments at this early stage of project planning. Please notify our office of the availability of the draft EA for review. If you should have any questions on this matter, please contact Jeff Harris of the Consistency Section at (225) 342-7949 or Jeff.Harris@LA.gov.

Sincerely yours,

/S/ Don Haydel
Acting Administrator
Interagency Affairs/Field Services Division

DH/SK/jdh

ATTACHMENT

cc: Will Woods, PMO
Gabriel Adams, FFPO
Darrell Barbara, COE-NOD
Rod Peirce, OCM/FI
Kara Bonsall, Cameron Parish
Dave Butler, LDWF

Geyer, Joshua

From: Adams, Gabriel <Gabriel.Adams@spr.doe.gov>
Sent: Monday, September 19, 2016 1:46 PM
To: Castille, Barbara
Cc: Woods, Will; Batiste, Katherine; Fogle, William
Subject: FW: Solicitation of Views for floodplains for the West Hackberry Facility

Importance: High

Follow Up Flag: Follow up
Flag Status: Flagged

Barbara,

Here is a request for additional information.

Regards,

Gabriel Adams, REM | **Fluor Federal Petroleum Operations, LLC** | Pollution Prevention Specialist, Environmental Department |
Contractor to the U. S. Department of Energy SPR | gabriel.adams@spr.doe.gov | O 504.734.4503 | F 504.818.5503

From: Jennifer Rachal [<mailto:Jennifer.Rachal@la.gov>]
Sent: Monday, September 19, 2016 1:27 PM
To: Adams, Gabriel <Gabriel.Adams@SPR.DOE.GOV>; Woods, Will <Will.Woods@SPR.DOE.GOV>
Subject: Solicitation of Views for floodplains for the West Hackberry Facility

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Jennifer D. Rachal, CFM

National Flood Insurance Program Coordinator
Floodplain Management Program
Louisiana Department of Transportation and Development
P.O. Box 94245
Baton Rouge, Louisiana 70804
Office: (225)379-3005
Fax: (225)379-3002

Geyer, Joshua

From: Castille, Barbara
Sent: Monday, September 19, 2016 2:02 PM
To: 'Jennifer.Rachal@la.gov'
Cc: Woods, Will; 'Adams, Gabriel'; Batiste, Katherine; Fogle, William; Joshua Geyer (jageyer@sbinfra.com)
Subject: RE: Solicitation of Views for floodplains for the West Hackberry Facility
Attachments: WestHackberry_EA_FEMA_MAP_ToFloodplainManagementProgram_JRachal_091916.pdf

Follow Up Flag: Follow up
Flag Status: Flagged

Tracking:	Recipient	Delivery	Read
	'Jennifer.Rachal@la.gov'		
	Woods, Will		
	'Adams, Gabriel'		
	Batiste, Katherine		
	Fogle, William		
	Joshua Geyer (jageyer@sbinfra.com)	Delivered: 9/19/2016 2:02 PM	
	Geyer, Joshua		Read: 9/19/2016 2:03 PM

Ms. Rachal—

As requested, attached is a map of the Brine Disposal Pipeline Replacement Project location which illustrates the designated FEMA floodplain within and adjacent to the project area.

If you need any supplemental information, please contact Will Woods or Gabriel Adams and we will be pleased to provide additional information to you for your review of this important project.

Sincerely,

Barbara

Barbara Castille
Manager, Environmental Planning

S&B Infrastructure, Ltd.
530 Wells Fargo Drive
Houston, Texas 77090
Direct: (713) 845-5392
Main: (713) 845-5401
Cell: (281) 960-6421
bcastille@sbinfra.com

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Contractor to the U. S. Department of Energy SPR | gabriel.adams@spr.doe.gov | O 504.734.4503 | F 504.818.5503

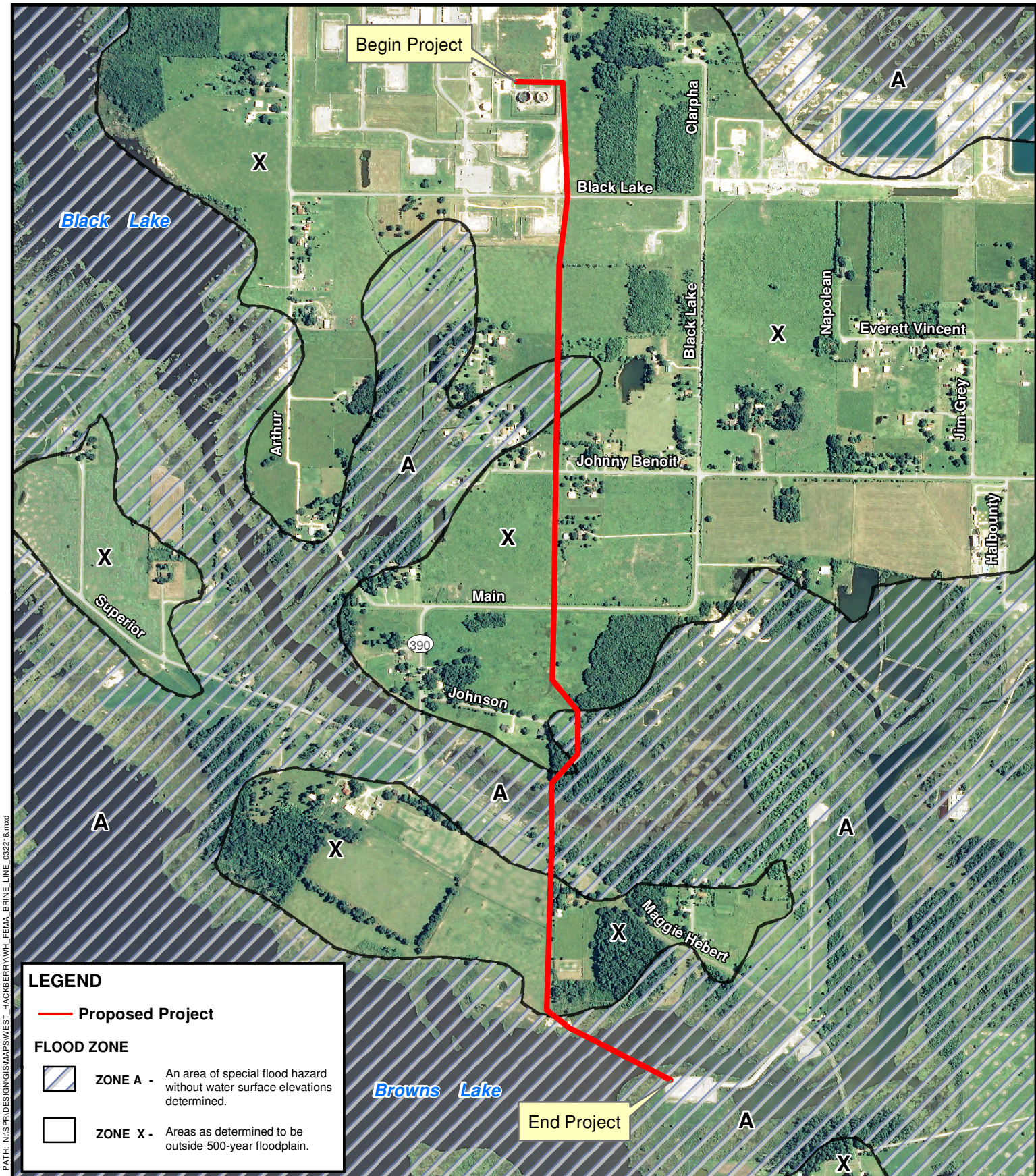
From: Jennifer Rachal [<mailto:Jennifer.Rachal@la.gov>]
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To: Adams, Gabriel <Gabriel.Adams@SPR.DOE.GOV>; Woods, Will <Will.Woods@SPR.DOE.GOV>
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National Flood Insurance Program Coordinator
Floodplain Management Program
Louisiana Department of Transportation and Development
P.O. Box 94245
Baton Rouge, Louisiana 70804
Office: (225)379-3005
Fax: (225)379-3002



PATH: N:\SPR\DESIGN\GIS\MAPS\WEST HACKBERRY\WH FEMA BRINE LINE 032216.mxd

SOURCE: FEMA 1999, Panel No. 22023C0400H,
USDA-NAIP, 2013

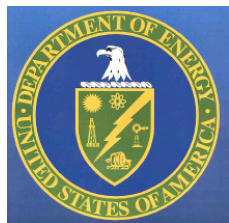
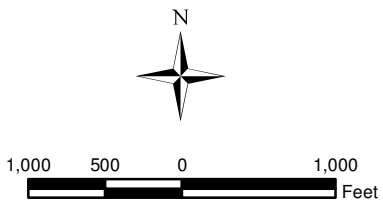


EXHIBIT 6 FLOODPLAIN MAP

Brine Disposal Pipeline Replacement Project
West Hackberry, Strategic Petroleum Reserve
Cameron Parish, Louisiana

Geyer, Joshua

From: Castille, Barbara
Sent: Monday, September 19, 2016 4:13 PM
To: 'Jennifer.Rachal@la.gov'
Cc: 'Woods, Will'; 'Adams, Gabriel'; 'Batiste, Katherine'; 'Fogle, William'; Joshua Geyer (jageyer@sbinfra.com)
Subject: RE: Solicitation of Views for floodplains for the West Hackberry Facility
Attachments: WestHackberry_EA_FEMA_RevisedMap_2012_ToFloodplainManagementProgram_JRachal_091916.pdf

Follow Up Flag: Follow up
Flag Status: Flagged

Tracking:	Recipient	Delivery	Read
	'Jennifer.Rachal@la.gov'		
	'Woods, Will'		
	'Adams, Gabriel'		
	'Batiste, Katherine'		
	'Fogle, William'		
	Joshua Geyer (jageyer@sbinfra.com)	Delivered: 9/19/2016 4:13 PM	
	Geyer, Joshua		Read: 9/19/2016 4:13 PM

Ms. Rachal—

As requested, attached is an updated FEMA Map of the proposed Brine Disposal Pipeline project area for your review and comment.

If you have any questions or need any additional information, please let us know.

Many thanks,

Barbara

Barbara Castille
S&B Infrastructure, Ltd.
Direct: (713) 845-5392
blcastille@sbinfra.com

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From: Castille, Barbara
Sent: Monday, September 19, 2016 2:02 PM
To: 'Jennifer.Rachal@la.gov'

Cc: Woods, Will; 'Adams, Gabriel'; Batiste, Katherine; Fogle, William; Joshua Geyer (jageyer@sbinfra.com)
Subject: RE: Solicitation of Views for floodplains for the West Hackberry Facility

Ms. Rachal—

As requested, attached is a map of the Brine Disposal Pipeline Replacement Project location which illustrates the designated FEMA floodplain within and adjacent to the project area.

If you need any supplemental information, please contact Will Woods or Gabriel Adams and we will be pleased to provide additional information to you for your review of this important project.

Sincerely,

Barbara

Barbara Castille
Manager, Environmental Planning
S&B Infrastructure, Ltd.
530 Wells Fargo Drive
Houston, Texas 77090
Direct: (713) 845-5392
Main: (713) 845-5401
Cell: (281) 960-6421
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Sent: Monday, September 19, 2016 1:46 PM
To: Castille, Barbara
Cc: Woods, Will; Batiste, Katherine; Fogle, William
Subject: FW: Solicitation of Views for floodplains for the West Hackberry Facility
Importance: High

Barbara,

Here is a request for additional information.

Regards,

Gabriel Adams, REM | **Fluor Federal Petroleum Operations, LLC** | Pollution Prevention Specialist, Environmental Department |
Contractor to the U. S. Department of Energy SPR | gabriel.adams@spr.doe.gov | O 504.734.4503 | F 504.818.5503

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Sent: Monday, September 19, 2016 1:27 PM
To: Adams, Gabriel <Gabriel.Adams@SPR.DOE.GOV>; Woods, Will <Will.Woods@SPR.DOE.GOV>
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Jennifer D. Rachal, CFM

National Flood Insurance Program Coordinator
Floodplain Management Program
Louisiana Department of Transportation and Development
P.O. Box 94245
Baton Rouge, Louisiana 70804
Office: (225)379-3005
Fax: (225)379-3002

PATH: N:\SPR\DESIGN\GIS\MAPS\WEST_HACKBERRY\WH_FEMA_BRINE_LINE_032216.mxd



LEGEND

- Proposed Project

Flood Hazard Zones

- 1% Annual Chance Flood Hazard
- Area of Undetermined Flood Hazard
- 0.2% Annual Chance Flood Hazard

SOURCE: FEMA 11/16/2012, Panel No. 22023C0375H, USDA-NAIP, 2013

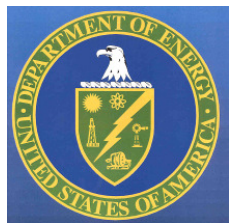
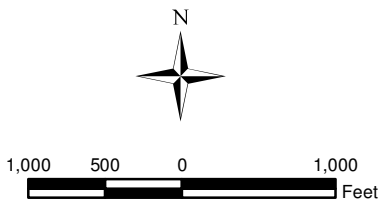


EXHIBIT 6 FLOODPLAIN MAP

Brine Disposal Pipeline Replacement Project
West Hackberry, Strategic Petroleum Reserve
Cameron Parish, Louisiana

Geyer, Joshua

From: Jennifer Rachal <Jennifer.Rachal@la.gov>
Sent: Tuesday, October 18, 2016 1:54 PM
To: Castille, Barbara
Subject: RE: Solicitation of Views for floodplains for the West Hackberry Facility
Attachments: Brine Disposal Pipeline Replacement Project West Hackberry Facility.pdf

Follow Up Flag: Follow up
Flag Status: Flagged

Attached is the Solicitation of Views for the Brine Disposal Pipeline Replacement Project West Hackberry Facility. If you have further questions or concerns, please feel free to contact me.

Jennifer D. Rachal, CFM

National Flood Insurance Program Coordinator
Floodplain Management Program
Louisiana Department of Transportation and Development
P.O. Box 94245
Baton Rouge, Louisiana 70804
Office: (225)379-3005
Fax: (225)379-3002

From: Castille, Barbara [mailto:blcastille@sbinfra.com]
Sent: Monday, September 19, 2016 4:13 PM
To: Jennifer Rachal
Cc: Woods, Will; Adams, Gabriel; Batiste, Katherine; Fogle, William; Geyer, Joshua
Subject: RE: Solicitation of Views for floodplains for the West Hackberry Facility

Ms. Rachal—

As requested, attached is an updated FEMA Map of the proposed Brine Disposal Pipeline project area for your review and comment.

If you have any questions or need any additional information, please let us know.

Many thanks,

Barbara

Barbara Castille
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Direct: (713) 845-5392
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Sent: Monday, September 19, 2016 2:02 PM
To: 'Jennifer.Rachal@la.gov'
Cc: Woods, Will; 'Adams, Gabriel'; Batiste, Katherine; Fogle, William; Joshua Geyer (jageyer@sbinfra.com)
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Houston, Texas 77090
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Importance: High

Barbara,

Here is a request for additional information.

Regards,

Gabriel Adams, REM | **Fluor Federal Petroleum Operations, LLC** | Pollution Prevention Specialist, Environmental Department |
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Floodplain Management Program
Louisiana Department of Transportation and Development
P.O. Box 94245
Baton Rouge, Louisiana 70804
Office: (225)379-3005
Fax: (225)379-3002

Geyer, Joshua

From: Castille, Barbara
Sent: Tuesday, October 18, 2016 2:24 PM
To: Jennifer.Rachal@la.gov
Cc: Fogle, William (William.Fogle@SPR.DOE.GOV); Woods, Will (Will.Woods@spr.doe.gov); Adams, Gabriel (Gabriel.Adams@spr.doe.gov); Batiste, Katherine (Katherine.Batiste@spr.doe.gov); Joshua Geyer (jageyer@sbinfra.com)
Subject: FW: Solicitation of Views for floodplains for the West Hackberry Facility
Attachments: Brine Disposal Pipeline Replacement Project West Hackberry Facility.pdf

Tracking:	Recipient	Delivery	Read
	Jennifer.Rachal@la.gov		
	Fogle, William (William.Fogle@SPR.DOE.GOV)		
	Woods, Will (Will.Woods@spr.doe.gov)		
	Adams, Gabriel (Gabriel.Adams@spr.doe.gov)		
	Batiste, Katherine (Katherine.Batiste@spr.doe.gov)		
	Joshua Geyer (jageyer@sbinfra.com)	Delivered: 10/18/2016 2:24 PM	
	Geyer, Joshua		Read: 10/18/2016 2:25 PM

Ms. Rachal—

Thank you. I received you Solicitation of Views for the West Hackberry Brine Disposal Pipeline Replacement Project.

We appreciate your attention to this important project.

Sincerely,

Barbara

Barbara Castille
Manager, Environmental Planning

S&B Infrastructure, Ltd.
530 Wells Fargo Drive
Houston, Texas 77090
Direct: (713) 845-5392
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Importance: High

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Regards,

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Contractor to the U. S. Department of Energy SPR | gabriel.adams@spr.doe.gov | O 504.734.4503 | F 504.818.5503

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Sent: Monday, September 19, 2016 1:27 PM
To: Adams, Gabriel <Gabriel.Adams@SPR.DOE.GOV>; Woods, Will <Will.Woods@SPR.DOE.GOV>
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National Flood Insurance Program Coordinator
Floodplain Management Program
Louisiana Department of Transportation and Development
P.O. Box 94245
Baton Rouge, Louisiana 70804
Office: (225)379-3005
Fax: (225)379-3002

Geyer, Joshua

From: Adams, Gabriel <Gabriel.Adams@spr.doe.gov>
Sent: Monday, September 26, 2016 11:18 AM
To: Castille, Barbara
Cc: Fogle, William; Woods, Will; Sevcik, Bob; Vedros, Chris
Subject: EA 2039 WH Brine Line US Coast Guard

Importance: High

Follow Up Flag: Follow up
Flag Status: Flagged

Barbara,

I just received a phone call from the US Coast Guard 8th District in New Orleans. They do not have any comments at this time on the EA. However, they wish to review the Draft EA when it is available.

Regards,

Gabriel Adams, REM | [Fluor Federal Petroleum Operations, LLC](#) | Pollution Prevention Specialist, Environmental Department |
Contractor to the U. S. Department of Energy SPR | gabriel.adams@spr.doe.gov | O 504.734.4503 | F 504.818.5503

Geyer, Joshua

From: Adams, Gabriel <Gabriel.Adams@spr.doe.gov>
Sent: Thursday, October 20, 2016 3:30 PM
To: Castille, Barbara
Cc: Woods, Will; Sevcik, Bob; Fogle, William
Subject: FW: DOE West Hackberry SPR Brine Disposal Pipeline Replacement

Greetings,

This gentleman from the USCG wishes to be informed of the availability of the Draft EA for the brine line replacement project and when the project goes to construction.

Regards,

Gabriel Adams, REM | Fluor Federal Petroleum Operations, LLC | Program Manager, Sustainability, Environmental & Sustainability Department | Contractor to the U. S. Department of Energy SPR | gabriel.adams@spr.doe.gov | O 504.734.4503 | F 504.818.5503

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

From: Bawar, Roderick C MST2 [<mailto:Roderick.C.Bawar@uscg.mil>]
Sent: Thursday, October 20, 2016 3:15 PM
To: Adams, Gabriel <Gabriel.Adams@SPR.DOE.GOV>
Cc: Flanagan, Lindsey N MST1 <Lindsey.N.Flanagan@uscg.mil>; Taylor, Jaime K MST3 <Jaime.K.Taylor@uscg.mil>; Oyler, Michael S MSTC <Michael.S.Oyler@uscg.mil>; Robinson, Nathaniel L LCDR <Nathaniel.L.Robinson@uscg.mil>; Cost, Daniel H CDR <Daniel.H.Cost@uscg.mil>
Subject: RE: DOE West Hackberry SPR Brine Disposal Pipeline Replacement

Good Afternoon Mr. Adams,

Just connecting with you on this project, to start sometime in January. If you have new details, please provide. Also on our phone conversation, you mentioned another upcoming project. Those details would be greatly appreciated. Thank you.

VR
Roderick C. Bawar, MST2
Waterways Management
Facilities Inspection
MSU Lake Charles, LA
U.S. Coast Guard

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

From: Wiener, Dimitrios N LT
Sent: Wednesday, September 28, 2016 12:14 PM
To: Bawar, Roderick C MST2; Taylor, Jaime K MST3
Cc: Cost, Daniel H CDR; Bizzaro, Peter A LT; Robinson, Nathaniel L LCDR; Oyler, Michael S MSTC
Subject: FW: DOE West Hackberry SPR Brine Disposal Pipeline Replacement
Importance: High

WWM Team,

This is another one. Brine Pipe replacement for the SPR. Seems like Mr. Wright does not believe it will conflict with our mission.

V/R,

LT Wiener

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

From: Wright, Rusty H. CIV

Sent: Monday, September 26, 2016 12:46 PM

To: Wiener, Dimitrios N LT

Subject: FW: DOE West Hackberry SPR Brine Disposal Pipeline Replacement

Importance: High

LT Bizzaro is out of the office.

FYI

v/r

Rusty Wright

USCG

504.671.2138

504.559.1514 cell

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

From: Wright, Rusty H. CIV

Sent: Monday, September 26, 2016 11:19 AM

To: Bizzaro, Peter A LT

Cc: Dittman, Paul E CAPT; Tuckey, Christopher B LCDR; Miller, Shelley R CIV

Subject: DOE West Hackberry SPR Brine Disposal Pipeline Replacement

Importance: High

LT,

We are in receipt of the attached letter from DOE.

My discussion with DOE leads me to think there will not be any impact to our mission. I did ask to be kept informed as the project progresses.

Let me know if you have any questions.

Respectfully,

Rusty Wright

Energy Projects Program Manager

Eighth Coast Guard District

Hale Boggs Federal Building

500 Poydras Street

Room 1230

New Orleans, Louisiana 70130

Work: 504-671-2138

Cell: 504-559-1514

"With honor and integrity, we will safeguard the American people, our homeland, and our values."

Geyer, Joshua

From: Adams, Gabriel <Gabriel.Adams@spr.doe.gov>
Sent: Tuesday, October 04, 2016 8:04 AM
To: Castille, Barbara; Fogle, William
Cc: Woods, Will; Sevcik, Bob
Subject: FW: DEQ SOV 160825/0945 Brine Disposal Pipeline Replacement, Strategic Petroleum Reserve

Follow Up Flag: Follow up
Flag Status: Flagged

Received today.

Gabriel Adams, REM | [Fluor Federal Petroleum Operations, LLC](#) | Program Manager, Sustainability, Environmental & Sustainability Department |
Contractor to the U. S. Department of Energy SPR | gabriel.adams@spr.doe.gov | O 504.734.4503 | F 504.818.5503

From: Woods, Will
Sent: Tuesday, October 04, 2016 7:26 AM
To: Adams, Gabriel <Gabriel.Adams@SPR.DOE.GOV>; Wesley, Louis <Louis.Wesley@SPR.DOE.GOV>; Sevcik, Bob <Bob.Sevcik@SPR.DOE.GOV>
Subject: FW: DEQ SOV 160825/0945 Brine Disposal Pipeline Replacement, Strategic Petroleum Reserve

Received today.

From: Linda (Brown) Hardy [<mailto:Linda.Hardy@la.gov>]
Sent: Monday, October 03, 2016 1:15 PM
To: Woods, Will <Will.Woods@SPR.DOE.GOV>
Cc: Yasooob Zia <Yasooob.Zia@LA.GOV>
Subject: DEQ SOV 160825/0945 Brine Disposal Pipeline Replacement, Strategic Petroleum Reserve

October 3, 2016

Will Woods, Environmental Specialist
DOE, SPR Management Office (PMO)
900 Commerce Road East
New Orleans, LA 70123
Will.Woods@spr.doe.gov

RE: 160825/0945 Brine Disposal Pipeline Replacement, Strategic Petroleum Reserve
Dept. of Energy SPR Funding
Cameron Parish

Dear Mr. Woods:

The Department of Environmental Quality (LDEQ), Business and Community Outreach Division has received your request for comments on the above referenced project.

After reviewing your request, the Department has no objections based on the information provided in your submittal. However, for your information, the following general comments have been included. Please be advised that if you

should encounter a problem during the implementation of this project, you should immediately notify LDEQ's Single-Point-of-contact (SPOC) at (225) 219-3640.

- Please take any necessary steps to obtain and/or update all necessary approvals and environmental permits regarding this proposed project.
- If your project results in a discharge to waters of the state, submittal of a Louisiana Pollutant Discharge Elimination System (LPDES) application may be necessary.
- If the project results in a discharge of wastewater to an existing wastewater treatment system, that wastewater treatment system may need to modify its LPDES permit before accepting the additional wastewater.
- All precautions should be observed to control nonpoint source pollution from construction activities. LDEQ has stormwater general permits for construction areas equal to or greater than one acre. It is recommended that you contact the LDEQ Water Permits Division at (225) 219-9371 to determine if your proposed project requires a permit.
- If your project will include a sanitary wastewater treatment facility, a Sewage Sludge and Biosolids Use or Disposal Permit is required. An application or Notice of Intent will be required if the sludge management practice includes preparing biosolids for land application or preparing sewage sludge to be hauled to a landfill. Additional information may be obtained on the LDEQ website at <http://www.deq.louisiana.gov/portal/tabid/2296/Default.aspx> or by contacting the LDEQ Water Permits Division at (225) 219- 9371.
- If any of the proposed work is located in wetlands or other areas subject to the jurisdiction of the U.S. Army Corps of Engineers, you should contact the Corps directly regarding permitting issues. If a Corps permit is required, part of the application process may involve a water quality certification from LDEQ.
- All precautions should be observed to protect the groundwater of the region.
- Please be advised that water softeners generate wastewaters that may require special limitations depending on local water quality considerations. Therefore if your water system improvements include water softeners, you are advised to contact the LDEQ Water Permits to determine if special water quality-based limitations will be necessary.
- Any renovation or remodeling must comply with LAC 33:III.Chapter 28, Lead-Based Paint Activities; LAC 33:III.Chapter 27, Asbestos-Containing Materials in Schools and State Buildings (includes all training and accreditation); and LAC 33:III.5151, Emission Standard for Asbestos for any renovations or demolitions.
- If any solid or hazardous wastes, or soils and/or groundwater contaminated with hazardous constituents are encountered during the project, notification to LDEQ's Single-Point-of-Contact (SPOC) at (225) 219-3640 is required. Additionally, precautions should be taken to protect workers from these hazardous constituents.

Currently, Cameron Parish is classified as attainment with the National Ambient Air Quality Standards and has no general conformity determination obligations.

Please send all future requests to my attention. If you have any questions, please feel free to contact me at (225) 219-3954 or by email at linda.hardy@la.gov.

Sincerely,

Linda M. Hardy

Louisiana Dept. of Environmental Quality
Office of the Secretary
P.O. Box 4301
Baton Rouge, LA 70821-4301
Phone: (225) 219-3954
Fax: (225) 219-3971
Email: linda.hardy@la.gov

Geyer, Joshua

From: Adams, Gabriel <Gabriel.Adams@spr.doe.gov>
Sent: Thursday, October 06, 2016 2:27 PM
To: Castille, Barbara
Cc: Fogle, William; Sevcik, Bob; Woods, Will; Vedros, Chris
Subject: FW: Brine Disposal PRP
Attachments: Brine Disposal PRP.pdf

Importance: High

Barbara,

Here is a letter from LA DNR Office of Conservation.

Regards,

Gabriel Adams, REM | Fluor Federal Petroleum Operations, LLC | Program Manager, Sustainability, Environmental & Sustainability Department | Contractor to the U. S. Department of Energy SPR | gabriel.adams@spr.doe.gov | O 504.734.4503 | F 504.818.5503

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

From: Woods, Will
Sent: Thursday, October 06, 2016 2:24 PM
To: Adams, Gabriel <Gabriel.Adams@SPR.DOE.GOV>
Subject: FW: Brine Disposal PRP

Gabe,

Please forward as required.

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

From: Mike Kline [<mailto:Mike.Kline@LA.GOV>]
Sent: Thursday, October 06, 2016 2:21 PM
To: Woods, Will <Will.Woods@SPR.DOE.GOV>
Subject: FW: Brine Disposal PRP

Mr. Woods, please let me know that you have received this SOV response.

Thanks,

Mike Kline
Geologist
Office of Conservation
Department of Natural Resources

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

From: geodatainc@bellsouth.net [<mailto:geodatainc@bellsouth.net>]
Sent: Thursday, October 06, 2016 2:16 PM
To: Mike Kline
Subject: Brine Disposal PRP

Please open the attached document.

CONFIDENTIALITY NOTICE

This email communication may contain confidential information which also may be legally privileged and is intended only for the use of the intended recipients identified above. If you are not the intended recipient of this communication, you are hereby notified that any unauthorized review, use, dissemination, distribution, downloading, or copying of this communication is strictly prohibited. If you are not the intended recipient and have received this communication in error, please immediately notify us by reply email, delete the communication and destroy all copies.

COMPUTER SYSTEM USE/CONSENT NOTICE

This message was sent from a computer system which is the property of the State of Louisiana and the Department of Natural Resources (DNR). It is for authorized business use only. Users (authorized or unauthorized) have no explicit or implicit expectation of privacy. Any or all uses of this system and all files on this system may be intercepted, monitored, recorded, copied, audited, inspected, and disclosed to Department of Natural Resources and law enforcement personnel. By using this system the user consents to such interception, monitoring, recording, copying, auditing, inspection, and disclosure at the discretion of DNR.



JOHN BEL EDWARDS
GOVERNOR

State of Louisiana
DEPARTMENT OF NATURAL RESOURCES
OFFICE OF CONSERVATION

THOMAS F. HARRIS
SECRETARY

RICHARD P. IEYOUB
COMMISSIONER OF CONSERVATION

September 26, 2016

TO: Mr. Will Woods, Environmental Specialist - DOE
SPR Project Management Office
900 Commerce Road East
New Orleans, Louisiana 70123

RE: Solicitation of Views
Brine Disposal PRP
SPR – West Hackberry Facility
Cameron Parish

Dear Mr. Woods:

In response to your letter dated August 1, 2016, concerning the referenced matter, please be advised that the Office of Conservation collects and maintains many types of information regarding oil and gas exploration, production, distribution, and other data relative to the petroleum industry as well as related and non-related injection well information, surface mining and ground water information and other natural resource related data. Most information concerning oil, gas and injection wells for any given area of the state, including the subject area of your letter can be obtained through records search via the SONRIS data access application available at:

<http://www.dnr.louisiana.gov>

A review of our computer records for the referenced project area indicates that there are oil, gas and injection wells located in the vicinity of the project area. The DNR water well database indicates that there are registered water wells in the vicinity of the project area. Additionally, unregistered water wells may be located in the area.

The Office of Conservation maintains records of all activities within its jurisdiction in paper, microfilm or electronic format. These records may be accessed during normal business hours, Monday through Friday, except on State holidays or emergencies that require the Office to be closed. Please call 225-342-5540 for specific contact information or for directions to the Office of Conservation, located in the LaSalle Building, 617 North Third Street, Baton Rouge, Louisiana. For pipelines and other underground hazards, please contact Louisiana One Call at 1-800-272-3020 prior to commencing operations. Should you need to direct your inquiry to any of our Divisions, you may use the following contact information:

<u>Division</u>	<u>Contact</u>	<u>Phone No.</u>	<u>E-mail Address</u>
Engineering	Jeff Wells	225-342-5638	jeff.wells@la.gov
Pipeline	Steven Giambrone	225-342-2989	steven.giambrone@la.gov
Injection & Mining	Brad Bourgoyne	225-342-4286	brad.bourgoyne@la.gov
Geological	Mike Kline	225-342-3335	mike.kline@la.gov
Environmental	Gary Snellgrove	225-342-7222	gary.snellgrove@la.gov

If you have difficulty in accessing the data via the referenced website because of computer related issues, you may obtain assistance from our technical support section by selecting Help on the SONRIS tool bar and submitting an email describing your problems and including a telephone number where you may be reached.

Sincerely,


Richard P. Ieyou

RPI Commissioner of Conservation

RPI:MSK:msk

Geyer, Joshua

From: Adams, Gabriel <Gabriel.Adams@spr.doe.gov>
Sent: Friday, October 14, 2016 11:20 AM
To: Castille, Barbara
Cc: Woods, Will; Sevcik, Bob
Subject: FW: SOV response Brine Disposal Pipeline Replacement Project (MVN-2016-01256-SB)

Here is a Corps of Engineers response.

Gabriel Adams, REM | **Fluor Federal Petroleum Operations, LLC** | Program Manager, Sustainability, Environmental & Sustainability Department |
Contractor to the U. S. Department of Energy SPR | gabriel.adams@spr.doe.gov | O 504.734.4503 | F 504.818.5503

From: Woods, Will
Sent: Friday, October 14, 2016 11:07 AM
To: Adams, Gabriel <Gabriel.Adams@SPR.DOE.GOV>; Sevcik, Bob <Bob.Sevcik@SPR.DOE.GOV>
Subject: FW: SOV response Brine Disposal Pipeline Replacement Project (MVN-2016-01256-SB)

FYI

Sent from my Windows 10 phone

From: [Clement, Karen L MVN](#)
Sent: Friday, October 14, 2016 10:43 AM
To: [Woods, Will](#)
Cc: [Adams, Gabriel](#)
Subject: SOV response Brine Disposal Pipeline Replacement Project (MVN-2016-01256-SB)

Mr. Woods,

Please take this email as our official SOV response.

This is in response to your Solicitation of Views request, concerning the Brine Disposal Pipeline Replacement Project at Hackberry, Louisiana, in Cameron Parish.

We have reviewed your request for potential Department of the Army regulatory requirements and impacts on any Department of the Army projects.

We do not anticipate any adverse impacts to any Corps of Engineers projects.

We have reviewed your project as proposed and determined that a Department of the Army permit under Section 404 of the Clean Water Act and Section 10 of the Rivers and Harbors Act will be required.

Please be advised that this property is in the Louisiana Coastal Zone and a Coastal Use Permit may be required prior to initiation of any activities on this site. For additional information, contact Ms. Christine Charrier, Office of Coastal Management, Louisiana Department of Natural Resources at (225) 342 7953.

You are advised that this determination is valid for a period of 5 years from the date of this letter unless new information warrants revision prior to the expiration date or the District Commander has identified, after public notice

and comment, that specific geographic areas with rapidly changing environmental conditions merit re-verification on a more frequent basis.

Off-site locations of activities such as borrow, disposals, haul-and detour-roads and work mobilization site developments may be subject to Department of the Army regulatory requirements and may have an impact on a Department of the Army project.

You should apply for said permit well in advance of the work to be performed. The application should include sufficiently detailed maps, drawings, photographs, and descriptive text for accurate evaluation of the proposal.

Please contact Mr. Robert Heffner, of our Regulatory Branch by telephone at (504) 862-1288, or by e-mail at Robert.A.Heffner@usace.army.mil for questions concerning wetlands determinations or need for on-site evaluations. Questions concerning regulatory permit requirements may be addressed to Mr. Darrell Barbara by telephone at (504) 862-2260 or by email at Darrell.Barbara@usace.army.mil.

Future correspondence concerning this matter should reference our account number MVN-2015-01256-SB. This will allow us to more easily locate records of previous correspondence, and thus provide a quicker response.

Thanks,
Karen

Karen L. Clement
Asst Operations Manager, Completed Works
Operations Division
New Orleans District Corps of Engineers
CEMVN-OD-W
7400 Leake Avenue
New Orleans, LA 70118
(504) 862-2313

APPENDIX C
AGENCY INFORMATION AND
CORRESPONDENCE

Public Notices and Affidavits (American Press and Cameron Pilot)

Affidavit of Publication

LEGALS

posed to replace an existing, aging brine disposal pipeline with a new pipeline at the Strategic Petroleum Reserve (SPR), West Hackberry facility in Cameron Parish, Louisiana.

The draft EA document has been posted at the following websites: energy.gov/node/2191870 and

<http://www.spr.doe.gov/esh/default.html> and <http://www.spr.doe.gov/N-EPA/default.htm>. The review period will be from Monday, December 12, 2016 through Friday, January 13, 2017.

The draft EA document is additionally available at the following libraries during the review period:

Cameron Parish Library-Hackberry Branch, 983 Main Street, Hackberry, LA 70645

Cameron Main Library, 501 Marshall Street, Cameron, LA 70631

Cameron Parish Library-Grand Lake Branch, 10200 Gulf Highway, Lake Charles, LA 70607

Sulphur Regional Library, 1160 Cypress Street, Sulphur, LA 70663

Calcasieu Parish Central Library, 301 W. Claude Street, Lake Charles, LA 70605

PUBLIC COMMENT OPPORTUNITIES: Comments on the document should be sent by January 13, 2017, to Mr. Will Woods at the following email address: Will.woods@spr.doe.gov or by fax to (504) 818-5329, or by USPS to Mr. Will Woods, Strategic Petroleum Reserve, FE-4441, 900 East Commerce Road, New Orleans, LA 70123.

Public Notice of Availability

Environmental Assessment for the Strategic Petroleum Reserve Brine Disposal Pipeline Replacement Project, West Hackberry Facility, Cameron Parish, Louisiana. The US Department of Energy (DOE) has prepared an Environmental Assessment (EA) for a project pro-

Dec 12 11
00980770

STATE OF LOUISIANA Parish of Calcasieu

Before me the undersigned authority, personally came and appeared



who being duly sworn, deposes and says:

He/She is a duly authorized agent of

LAKE CHARLES AMERICAN PRESS

a newspaper published daily at 4900 Highway 90 East, Lake Charles, Louisiana, 70615. (Mail address: P.O. Box 2893 Lake Charles, LA 70602)

The attached Notice was published in said newspaper in its issue(s) dated:

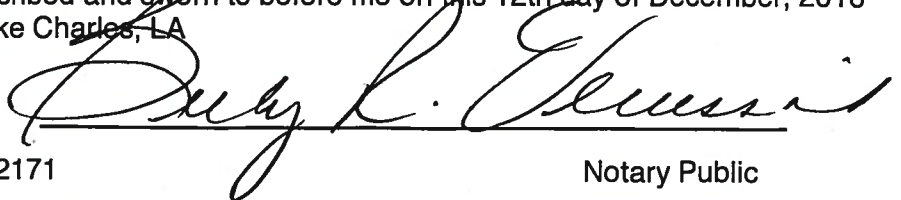
00980770 - \$109.23

December 12, 2016



Duly Authorized Agent

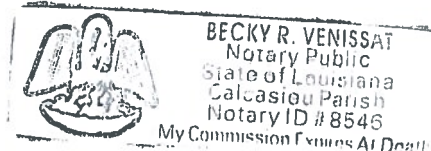
Subscribed and sworn to before me on this 12th day of December, 2016 at Lake Charles, LA



00102171

Notary Public

S&B INFRASTRUCTURE, LTD.



**Public Notice of Availability
Environmental Assessment
for the Strategic Petroleum
Reserve Brine Disposal
Pipeline Replacement Project,
West Hackberry Facility,
Cameron Parish, Louisiana**

The US Department of Energy (DOE) has prepared an Environmental Assessment (EA) for a project proposed to replace an existing, aging brine disposal pipeline with a new pipeline at the Strategic Petroleum Reserve (SPR), West Hackberry facility in Cameron Parish, Louisiana.

The draft EA document has been posted at the following web-sites:

energy.gov/node/2191870,
<http://www.spr.doe.gov/esh/default.html> and
<http://www.spr.doe.gov/NEPA/default.htm>.

The review period will be from Monday, December 12, 2016 through Friday, January 13, 2017.

The draft EA document is additionally available at the following libraries during the review period:

Cameron Parish Library-Hackberry Branch, 983 Main Street, Hackberry, LA 70645

Cameron Main Library, 501 Marshall Street, Cameron, LA 70631

Cameron Parish Library-Grand Lake Branch, 10200 Gulf Highway, Lake Charles, LA 70607

Sulphur Regional Library, 1160 Cypress Street, Sulphur, LA 70663

Calcasieu Parish Central Library, 301 W. Claude Street, Lake Charles, LA 70605

PUBLIC COMMENT OPPORTUNITIES: Comments on the document should be sent by January 13, 2017, to Mr. Will Woods at the following email address: Will.woods@spr.doe.gov, or by fax to (504) 818-5329, or by USPS to Mr. Will Woods, Strategic Petroleum Reserve, FE-4441, 900 East Commerce Road, New Orleans, LA 70123.

RUN: Dec. 15 (D 37)

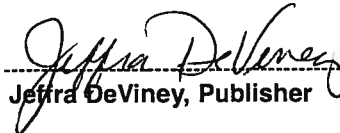
State of Louisiana

Parish of Calcasieu

Before me the undersigned authority, personally came and appeared Jerry Wise, who, being duly sworn, deposes and says: That he is the publisher of the Cameron Parish Pilot, a newspaper published weekly at Cameron, Louisiana.

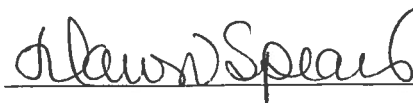
That the hereto attached notice was published in said newspaper in its issues dated

December 15, 2016


Jeffra DeViney, Publisher

Sworn and subscribed to at my office in DeQuincy, Louisiana, on this 15th day of Deeember A.D., 2016

Before me,



Dawn Spears, Notary Public

55475

APPENDIX C

AGENCY INFORMATION AND

CORRESPONDENCE

**Resource Agency Coordination List and Emails to Resource Agencies for the Proposed
West Hackberry Brine Disposal Pipeline Project Notice of Availability of an
Environmental Assessment (December 12, 2016)**

**Resource Agency Coordination List for the Proposed West Hackberry Brine Disposal Pipeline Project
Notice of Availability of an Environmental Assessment (updated through December 12, 2016)**

Department/Office	Division	Name/Title (Email/Phone Number)	Address	Notice of Availability (Emailed 12-12-16)
Federal Resource Agencies				
US Army Corps of Engineers	Regulatory Branch, New Orleans District	Martin S. Mayer – Regulatory Branch Chief Martin.S.Mayer@usace.army.mil (504.862.2255)	P.O. Box 60267, New Orleans, LA 70160 or 7400 Leake Avenue, New Orleans 70118	✓ Martin Mayer
US Army Corps of Engineers	Western Evaluation Section Regulatory Branch	Darrell S. Barbara – Chief Darrell.Barbara@usace.army.mil (504.862.2261)	P.O. Box 60267, New Orleans, LA 70160 or 7400 Leake Avenue, New Orleans 70118	✓ Darrell Barbara
US Army Corps of Engineers	Operations Division, New Orleans District	Karen L. Clement – Assistant Operations Manager, Completed Works Karen.L.Clement@usace.army.mil (504.862.2313)	P.O. Box 60267, New Orleans, LA 70160 or 7400 Leake Avenue, New Orleans 70118	✓ Karen Clement
US Army Corps of Engineers	Southwest Waterways	Tracy Falk – Operations Manager Tracy.A.Falk@usace.army.mil (504.862.2971)	P.O. Box 60267, New Orleans, LA 70160 or 7400 Leake Avenue, New Orleans 70118	✓ Tracy Falk
US Fish and Wildlife Service	Louisiana Ecological Services Field Office	Brad Rieck – Acting Field Supervisor Brad_Rieck@fws.gov (337.291.3116)	646 Cajundome Boulevard, Suite 400 Lafayette, LA 70506	✓ Brad Rieck
US Fish and Wildlife Service	Sabine National Wildlife Refuge	Terrance Delaine – Manager SWLRComplex@fws.gov or Terry.Delaine@fws.gov (337.762.3816)	3000 Holly Beach Highway Hackberry, LA 70645	✓ Terrance Delaine
US Environmental Protection Agency	Office of Planning & Coordination	Robert Houston – Chief, Office of Planning & Coordination Houston.Robert@epa.gov (800.887.6063 or 214.665.8565)	1445 Ross Avenue Dallas, TX 75202	✓ Robert Houston
US Department of Homeland Security	US Coast Guard, Eighth District	Rear Admiral David R. Callahan – District Commander (504.589.6298) Angela Songy (Angela.H.Songy@uscg.mil)	Hale Boggs Federal Building 500 Poydras Street New Orleans, LA 70130	✓ RA David Callahan (via Angela Songy)
US Department of Homeland Security	US Coast Guard	David M. Frank – Bridge Administration, Branch Supervisor David.M.Frank@uscg.mil (504.671.6127)	Hale Boggs Federal Building 500 Poydras Street New Orleans, LA 70130	✓ David Frank
US Department of Homeland Security	US Coast Guard	Roderick C. Bawar, MST2 Waterways Management, Facilities Inspection, Marine Safety Unit (MSU) Lake Charles Roderick.C.Bawar@uscg.mil (337.491.7800)	127 West Broad Street, Suite 200, Lake Charles, LA 70601	✓ Roderick Bawar

West Hackberry Brine Disposal Pipeline Replacement Project – DOE/EA-2039

Department/Office	Division	Name/Title (Email/Phone Number)	Address	Notice of Availability (Emailed 12-12-16)
US Department of Transportation	US Maritime Administration	John P. Quinn – Associated Administrator, Environment and Compliance John.Quinn@dot.gov (202.366.1931)	1200 New Jersey Avenue, SE Washington, D.C. 20590	✓ John Quinn
National Oceanic and Atmospheric Administration	National Marine Fisheries Service	Virginia M. Fay, Assistant Regional Administrator, Habitat Conservation Division Jan Koellen (jan.koellen@noaa.gov) (727.824.5312)	263 13 th Avenue South Saint Petersburg, FL 33701	✓ Virginia Fay (via Jan Koellen)
National Oceanic and Atmospheric Administration	National Marine Fisheries Service, Habitat Conservation Division	Richard Hartman – Team Leader Brandon Howard Brandon.Howard@noaa.gov (225.389.0508)	c/o LSU, Military Science Building, Room 266, South Stadium Drive Baton Rouge, LA 70803	✓ Brandon Howard
US Department of Agriculture	Natural Resources Conservation Service	Kevin Norton – State Soil Conservationist Kevin.Norton@la.usda.gov Mitchell Mouton – Assistant State Soil Conservationist Mitchell.Mouton@la.usda.gov (318.473.7751)	3737 Government Street Alexandria, LA 71303	✓ Kevin Norton ✓ Mitchell Mouton
State Resource Agencies				
Louisiana Department of Culture, Recreation & Tourism	State Historic Preservation Officer	Phil Boggan – Assistant Secretary pboggan@crt.state.la.us (225.342.8200)	P.O. Box 44247 Baton Rouge, LA 70804	✓ Phil Boggan
Louisiana Department of Natural Resources (LDNR)	Office of the Secretary	Thomas Harris – Secretary Thomas.Harris@la.gov (225.342.2710)	P.O. Box 94396 Baton Rouge, LA 70804	✓ Thomas Harris
LDNR Office of Coastal Management	Interagency Affairs & Field Services	Donald Haydel – Administrator Donald.Haydel@la.gov Jeff Harris Jeff.Harris@la.gov (225.342.8953)	P.O. Box 44487 Baton Rouge, LA 70804	✓ Donald Haydel ✓ Jeff Harris
LDNR Office of Coastal Management	Permits/Mitigation Division	Karl Morgan – Permits & Mitigation Administrator Karl.Morgan@la.gov (225.342.6470)	P.O. Box 44487 Baton Rouge, LA 70804	✓ Karl Morgan
LDNR Office of Conservation	Environmental Division Geological Division	Richard P. Ieyoub – Commissioner of Conservation Richard.Ieyoub@la.gov (225.342.5540) Gary Snellgrove – Environmental Division Director Gary.Snellgrove@la.gov (225.342.7222) Mike Kline – Geological Division Director Mike.Kline@la.gov (225.342.3335)	P.O. Box 94275 Baton Rouge, LA 70804 or LaSalle Building, 617 North 3 rd Street, Baton Rouge, LA 70802	✓ Richard Ieyoub ✓ Gary Snellgrove ✓ Mike Kline

West Hackberry Brine Disposal Pipeline Replacement Project – DOE/EA-2039

Department/Office	Division	Name/Title (Email/Phone Number)	Address	Notice of Availability (Emailed 12-12-16)
LDNR Office of Conservation	Pipeline Division Engineering Division Injection and Mining Division	Steven Giambrone – Pipeline Division Director Steven.Giambrone@la.gov (225.342.2989) Jeff Wells – Engineering Division Director Jeff.Wells@la.gov (225.342.5638) Brad Bourgoyne – I & M Division Director Brad.Bourgoyne@la.gov (225.342.4286)	P.O. Box 94275 Baton Rouge, LA 70804 or LaSalle Building, 617 North 3 rd Street, Baton Rouge, LA 70802	✓ Steven Giambrone ✓ Jeff Wells ✓ Brad Bourgoyne
Louisiana Department of Wildlife and Fisheries	Office of the Secretary	Charlie Melancon – Secretary Kayla Kirby – Executive Assistant (kkirby@wlf.la.gov) (225.765.2800)	P.O. Box 98000 Baton Rouge, LA 70898	✓ Charlie Melancon (via Kayla Kirby)
Louisiana Department of Wildlife and Fisheries	Louisiana Natural Heritage Program	Amity Bass – Program Manager abass@wlf.la.gov (225.765.2975) Keri Landry – Biologist klandry@wlf.la.gov (225.765.2809) Carolyn Michon – Biologist/Data Manager cminchon@wlf.la.gov (225.765.2357)	P.O. Box 98000 Baton Rouge, LA 70898	✓ Amity Bass ✓ Keri Landry ✓ Carolyn Michon
Louisiana Department of Environmental Quality	Office of the Secretary	Chuck Carr Brown, Ph.D. – Secretary DEQ-WWWOfficeoftheSecretaryContact@la.gov (225.219.3935) Linda M. Hardy – Office of the Secretary Linda.Hardy@la.gov	P.O. Box 4301 Baton Rouge, LA 70821-4301	✓ Chuck Carr Brown ✓ Linda Hardy
Louisiana Office of State Lands	Administration Section	Spencer Robinson – Administrator Adam Cox Adam.Cox@la.gov (225.342.4578)	P.O. Box 44124 Baton Rouge, LA 70704	✓ Adam Cox
Louisiana Department of Transportation and Development	Floodplain Management Office	Jennifer D. Rachal, CFM National Flood Insurance Program Coordinator, Floodplain Management Program Jennifer.Rachal@la.gov (225.379.3005; 225.379.3002 fax)	1201 Capital Access Road Baton Rouge, LA 70802 or PO Box 94245, Baton Rouge, LA 70804	✓ Jennifer Rachal
Local Resource Agencies				
Cameron Parish	Permitting	Myles Hebert – Floodplain Administrator mh_cppj@camtel.net Kara Bonsall – Coastal Zone Administrator Kb_cppj@camtel.net (377.775.2800)	P.O. Box 1280 Cameron, LA 70631	✓ Myles Hebert ✓ Kara Bonsall
Cameron Parish	Parks and Recreation Hackberry Recreation District	Dwayne Sanner – Director dsanner@hilcorp.com (377.762.7402)	1095 Poncho Sanner Lane Hackberry, LA 70645	✓ Dwayne Sanner

Castille, Barbara

From: Castille, Barbara
Sent: Monday, December 12, 2016 11:48 AM
To: 'martin.s.mayer@usace.army.mil'
Cc: Adams, Gabriel (Gabriel.Adams@spr.doe.gov)
Subject: Notice of Availability, Draft Environmental Assessment, SPR West Hackberry Brine Disposal Pipeline Replacement Project
Attachments: WestHackberry_NoticeOfAvailability_DraftEnvironmentalAssessment_ToUSACE_MMayer_121216_FINAL.pdf

Mr. Mayer—

The US Department of Energy (DOE) has prepared an Environmental Assessment (EA) for a project proposed to replace an existing, aging brine disposal pipeline with a new pipeline at the Strategic Petroleum Reserve (SPR), West Hackberry facility located in Cameron Parish, Louisiana (please see attached Notice of Availability of an Environmental Assessment).

The draft EA document has been posted to the following websites:

- energy.gov/node/2191870
- <http://energy.gov/nepa/ea-2039-brine-disposal-pipeline-replacement-project-strategic-petroleum-reserve-west-hackberry>
- <http://www.spr.doe.gov/esh/default.html>
- <http://www.spr.doe.gov/NEPA/default.htm>

The draft EA review period will occur from Monday, December 12, 2016 through Friday, January 13, 2017.

Comments on the document should be sent by January 13, 2017 to Mr. Will Woods at Will.woods@spr.doe.gov, or by fax to (504) 818-5329, or by US Postal Service to Mr. Will Woods, Strategic Petroleum Reserve, FE-4441, 900 East Commerce Road, New Orleans, LA 70123.

Respectfully submitted,

Barbara

Barbara Castille

Manager, Environmental Planning

S&B Infrastructure, Ltd.

530 Wells Fargo Drive
Houston, Texas 77090
Direct: (713) 845-5392
Main: (713) 845-5401
Cell: (281) 960-6421
bcastille@sbinfra.com

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To: Martin Mayer, Chief, Regulatory Branch, MVN-OD, US Army Corps of Engineers, New Orleans District, 7400 Leake Avenue, New Orleans, Louisiana 70118

Date: December 12, 2016

Project: West Hackberry Brine Disposal Pipeline Replacement Project

Agency: Department of Energy, Strategic Petroleum Reserve

Action: Notice of Availability of an Environmental Assessment

Summary: Notice is hereby given that the Department of Energy, Strategic Petroleum Reserve Project Management Office (DOE/SPRPMO) is issuing a draft Environmental Assessment (EA) in connection with potential impacts related to the replacement of an existing, aging brine disposal pipeline with a new pipeline at the West Hackberry facility in Cameron Parish, Louisiana. The proposed action would involve the installation of approximately 2.1 miles of 24-inch pipeline to replace the existing brine disposal pipeline which would remain in place but would be removed from service. The proposed pipeline would be installed using open cut trenching methods except at road crossings in which jack and bore techniques would be utilized as needed.

Review

Period: The draft EA review period will occur from December 12, 2016 until January 13, 2017.

Websites: The draft EA will be available for review at the following websites:

- energy.gov/node/2191870
- <http://energy.gov/nepa/ea-2039-brine-disposal-pipeline-replacement-project-strategic-petroleum-reserve-west-hackberry>
- <http://www.spr.doe.gov/esh/default.html>
- <http://www.spr.doe.gov/NEPA/default.htm>

The public is invited to review and comment on the draft EA that has been prepared to analyze potential environmental consequences of the proposed project. The SPRPMO has prepared the draft EA in accordance with the requirements of the National Environmental Policy Act, the Council on Environmental Quality regulations implementing the National Environmental Policy Act (40 CFR 1500-1508), and the Department of Energy regulations for implementing the National Environmental Policy Act (10 CFR 1021). Requests for an electronic copy or hard copy should be mailed to: Draft Environmental Assessment, Mr. Will Woods, 900 East Commerce Road, Mail Stop FE-4441, New Orleans, LA 70123. Requests may also be submitted by fax to Mr. Woods at (504) 818-5329 or by e-mail to: Will.woods@spr.doe.gov.

Copies of the draft EA are available for public viewing at the following locations:

- Cameron Parish Library-Hackberry Branch, 983, Main Street, Hackberry, LA 70645
- Cameron Main Library, 501 Marshall Street, Cameron, LA 70631
- Cameron Parish Library-Grand Lake Branch, 10200 Gulf Highway, Lake Charles, LA 70607
- Sulphur Regional Library, 1160 Cypress Street, Sulphur, LA 70663
- Calcasieu Parish Central Library, 301 W. Claude Street, Lake Charles, LA 70605

All comments on the draft EA should be submitted in writing by January 13, 2017 to Mr. Woods at the address, fax number, or e-mail listed above.

FOR FURTHER INFORMATION ON THE DOE NATIONAL ENVIRONMENTAL POLICY ACT (NEPA) PROCESS: Information on Department of Energy National Environmental Policy Act compliance and implementation is available from: The U.S. Department of Energy, Office of NEPA Policy and Compliance (GC-54), 1000 Independence Avenue, S.W., Washington, D.C. 20585-0119 or leave a message on their toll-free number: 1-800-472-2756; fax to: 202-586-7031; or e-mail them to: askNEPA@hq.doe.gov.

Castille, Barbara

From: Castille, Barbara
Sent: Monday, December 12, 2016 11:48 AM
To: 'darrell.barbara@usace.army.mil'
Cc: Adams, Gabriel (Gabriel.Adams@spr.doe.gov)
Subject: Notice of Availability, Draft Environmental Assessment, SPR West Hackberry Brine Disposal Pipeline Replacement Project
Attachments: WestHackberry_NoticeOfAvailability_DraftEnvironmentalAssessment_ToUSACE_DBarbara_121216_FINAL.pdf

Mr. Barbara—

The US Department of Energy (DOE) has prepared an Environmental Assessment (EA) for a project proposed to replace an existing, aging brine disposal pipeline with a new pipeline at the Strategic Petroleum Reserve (SPR), West Hackberry facility located in Cameron Parish, Louisiana (please see attached Notice of Availability of an Environmental Assessment).

The draft EA document has been posted to the following websites:

- energy.gov/node/2191870
- <http://energy.gov/nepa/ea-2039-brine-disposal-pipeline-replacement-project-strategic-petroleum-reserve-west-hackberry>
- <http://www.spr.doe.gov/esh/default.html>
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The draft EA review period will occur from Monday, December 12, 2016 through Friday, January 13, 2017.

Comments on the document should be sent by January 13, 2017 to Mr. Will Woods at Will.woods@spr.doe.gov, or by fax to (504) 818-5329, or by US Postal Service to Mr. Will Woods, Strategic Petroleum Reserve, FE-4441, 900 East Commerce Road, New Orleans, LA 70123.

Respectfully submitted,

Barbara

Barbara Castille

Manager, Environmental Planning

S&B Infrastructure, Ltd.

530 Wells Fargo Drive
Houston, Texas 77090
Direct: (713) 845-5392
Main: (713) 845-5401
Cell: (281) 960-6421
bcastille@sbinfra.com

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To: Darrell Barbara, Chief, Western Evaluation Section, Regulatory Branch, US Army Corps of Engineers, New Orleans District, 7400 Leake Avenue, New Orleans, Louisiana 70118

Date: December 12, 2016

Project: West Hackberry Brine Disposal Pipeline Replacement Project

Agency: Department of Energy, Strategic Petroleum Reserve

Action: Notice of Availability of an Environmental Assessment

Summary: Notice is hereby given that the Department of Energy, Strategic Petroleum Reserve Project Management Office (DOE/SPRPMO) is issuing a draft Environmental Assessment (EA) in connection with potential impacts related to the replacement of an existing, aging brine disposal pipeline with a new pipeline at the West Hackberry facility in Cameron Parish, Louisiana. The proposed action would involve the installation of approximately 2.1 miles of 24-inch pipeline to replace the existing brine disposal pipeline which would remain in place but would be removed from service. The proposed pipeline would be installed using open cut trenching methods except at road crossings in which jack and bore techniques would be utilized as needed.

Review

Period: The draft EA review period will occur from December 12, 2016 until January 13, 2017.

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The public is invited to review and comment on the draft EA that has been prepared to analyze potential environmental consequences of the proposed project. The SPRPMO has prepared the draft EA in accordance with the requirements of the National Environmental Policy Act, the Council on Environmental Quality regulations implementing the National Environmental Policy Act (40 CFR 1500-1508), and the Department of Energy regulations for implementing the National Environmental Policy Act (10 CFR 1021). Requests for an electronic copy or hard copy should be mailed to: Draft Environmental Assessment, Mr. Will Woods, 900 East Commerce Road, Mail Stop FE-4441, New Orleans, LA 70123. Requests may also be submitted by fax to Mr. Woods at (504) 818-5329 or by e-mail to: Will.woods@spr.doe.gov.

Copies of the draft EA are available for public viewing at the following locations:

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- Cameron Main Library, 501 Marshall Street, Cameron, LA 70631
- Cameron Parish Library-Grand Lake Branch, 10200 Gulf Highway, Lake Charles, LA 70607
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- Calcasieu Parish Central Library, 301 W. Claude Street, Lake Charles, LA 70605

All comments on the draft EA should be submitted in writing by January 13, 2017 to Mr. Woods at the address, fax number, or e-mail listed above.

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Castille, Barbara

From: Castille, Barbara
Sent: Monday, December 12, 2016 5:28 PM
To: 'karen.l.Clement@usace.army.mil'
Cc: Adams, Gabriel (Gabriel.Adams@spr.doe.gov)
Subject: Notice of Availability, Draft Environmental Assessment, SPR West Hackberry Brine Disposal Pipeline Replacement Project
Attachments: WestHackberry_NoticeOfAvailability_DraftEnvironmentalAssessment_ToUSACE_KClement_121216_FINAL.pdf

[Reference MVN-2015-01256-SB]

Ms. Clement—

The US Department of Energy (DOE) has prepared an Environmental Assessment (EA) for a project proposed to replace an existing, aging brine disposal pipeline with a new pipeline at the Strategic Petroleum Reserve (SPR), West Hackberry facility located in Cameron Parish, Louisiana (please see attached Notice of Availability of an Environmental Assessment).

The draft EA document has been posted to the following websites:

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- <http://energy.gov/nepa/ea-2039-brine-disposal-pipeline-replacement-project-strategic-petroleum-reserve-west-hackberry>
- <http://www.spr.doe.gov/esh/default.html>
- <http://www.spr.doe.gov/NEPA/default.htm>

The draft EA review period will occur from Monday, December 12, 2016 through Friday, January 13, 2017.

Comments on the document should be sent by January 13, 2017 to Mr. Will Woods at Will.woods@spr.doe.gov, or by fax to (504) 818-5329, or by US Postal Service to Mr. Will Woods, Strategic Petroleum Reserve, FE-4441, 900 East Commerce Road, New Orleans, LA 70123.

Respectfully submitted,

Barbara

Barbara Castille

Manager, Environmental Planning

S&B Infrastructure, Ltd.

530 Wells Fargo Drive
Houston, Texas 77090
Direct: (713) 845-5392
Main: (713) 845-5401
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To: Karen M. Clement, Assistant Operations Manager, Completed Works, Operations Division, US Army Corps of Engineers, New Orleans District, 7400 Leake Avenue, New Orleans, Louisiana 70118

Date: December 12, 2016

Project: West Hackberry Brine Disposal Pipeline Replacement Project

Agency: Department of Energy, Strategic Petroleum Reserve

Action: Notice of Availability of an Environmental Assessment

Summary: Notice is hereby given that the Department of Energy, Strategic Petroleum Reserve Project Management Office (DOE/SPRPMO) is issuing a draft Environmental Assessment (EA) in connection with potential impacts related to the replacement of an existing, aging brine disposal pipeline with a new pipeline at the West Hackberry facility in Cameron Parish, Louisiana. The proposed action would involve the installation of approximately 2.1 miles of 24-inch pipeline to replace the existing brine disposal pipeline which would remain in place but would be removed from service. The proposed pipeline would be installed using open cut trenching methods except at road crossings in which jack and bore techniques would be utilized as needed.

Review

Period: The draft EA review period will occur from December 12, 2016 until January 13, 2017.

Websites: The draft EA will be available for review at the following websites:

- energy.gov/node/2191870
- <http://energy.gov/nepa/ea-2039-brine-disposal-pipeline-replacement-project-strategic-petroleum-reserve-west-hackberry>
- <http://www.spr.doe.gov/esh/default.html>
- <http://www.spr.doe.gov/NEPA/default.htm>

The public is invited to review and comment on the draft EA that has been prepared to analyze potential environmental consequences of the proposed project. The SPRPMO has prepared the draft EA in accordance with the requirements of the National Environmental Policy Act, the Council on Environmental Quality regulations implementing the National Environmental Policy Act (40 CFR 1500-1508), and the Department of Energy regulations for implementing the National Environmental Policy Act (10 CFR 1021). Requests for an electronic copy or hard copy should be mailed to: Draft Environmental Assessment, Mr. Will Woods, 900 East Commerce Road, Mail Stop FE-4441, New Orleans, LA 70123. Requests may also be submitted by fax to Mr. Woods at (504) 818-5329 or by e-mail to: Will.woods@spr.doe.gov.

Copies of the draft EA are available for public viewing at the following locations:

- Cameron Parish Library-Hackberry Branch, 983, Main Street, Hackberry, LA 70645
- Cameron Main Library, 501 Marshall Street, Cameron, LA 70631
- Cameron Parish Library-Grand Lake Branch, 10200 Gulf Highway, Lake Charles, LA 70607
- Sulphur Regional Library, 1160 Cypress Street, Sulphur, LA 70663
- Calcasieu Parish Central Library, 301 W. Claude Street, Lake Charles, LA 70605

All comments on the draft EA should be submitted in writing by January 13, 2017 to Mr. Woods at the address, fax number, or e-mail listed above.

FOR FURTHER INFORMATION ON THE DOE NATIONAL ENVIRONMENTAL POLICY ACT (NEPA) PROCESS: Information on Department of Energy National Environmental Policy Act compliance and implementation is available from: The U.S. Department of Energy, Office of NEPA Policy and Compliance (GC-54), 1000 Independence Avenue, S.W., Washington, D.C. 20585-0119 or leave a message on their toll-free number: 1-800-472-2756; fax to: 202-586-7031; or e-mail them to: askNEPA@hq.doe.gov.

Castille, Barbara

From: Castille, Barbara
Sent: Monday, December 12, 2016 11:48 AM
To: 'tracy.a.falk@usace.army.mil'
Cc: Adams, Gabriel (Gabriel.Adams@spr.doe.gov)
Subject: Notice of Availability, Draft Environmental Assessment, SPR West Hackberry Brine Disposal Pipeline Replacement Project
Attachments: WestHackberry_NoticeOfAvailability_DraftEnvironmentalAssessment_ToUSACE_TFalk_121216_FINAL.pdf

Mr. Falk—

The US Department of Energy (DOE) has prepared an Environmental Assessment (EA) for a project proposed to replace an existing, aging brine disposal pipeline with a new pipeline at the Strategic Petroleum Reserve (SPR), West Hackberry facility located in Cameron Parish, Louisiana (please see attached Notice of Availability of an Environmental Assessment).

The draft EA document has been posted to the following websites:

- energy.gov/node/2191870
- <http://energy.gov/nepa/ea-2039-brine-disposal-pipeline-replacement-project-strategic-petroleum-reserve-west-hackberry>
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- <http://www.spr.doe.gov/NEPA/default.htm>

The draft EA review period will occur from Monday, December 12, 2016 through Friday, January 13, 2017.

Comments on the document should be sent by January 13, 2017 to Mr. Will Woods at Will.woods@spr.doe.gov, or by fax to (504) 818-5329, or by US Postal Service to Mr. Will Woods, Strategic Petroleum Reserve, FE-4441, 900 East Commerce Road, New Orleans, LA 70123.

Respectfully submitted,

Barbara

Barbara Castille

Manager, Environmental Planning

S&B Infrastructure, Ltd.

530 Wells Fargo Drive
Houston, Texas 77090
Direct: (713) 845-5392
Main: (713) 845-5401
Cell: (281) 960-6421
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To: Tracy Falk, Chief, US Army Corps of Engineers, New Orleans District, Southwest Waterways, 7400 Leake Avenue, New Orleans, Louisiana 70118

Date: December 12, 2016

Project: West Hackberry Brine Disposal Pipeline Replacement Project

Agency: Department of Energy, Strategic Petroleum Reserve

Action: Notice of Availability of an Environmental Assessment

Summary: Notice is hereby given that the Department of Energy, Strategic Petroleum Reserve Project Management Office (DOE/SPRPMO) is issuing a draft Environmental Assessment (EA) in connection with potential impacts related to the replacement of an existing, aging brine disposal pipeline with a new pipeline at the West Hackberry facility in Cameron Parish, Louisiana. The proposed action would involve the installation of approximately 2.1 miles of 24-inch pipeline to replace the existing brine disposal pipeline which would remain in place but would be removed from service. The proposed pipeline would be installed using open cut trenching methods except at road crossings in which jack and bore techniques would be utilized as needed.

Review

Period: The draft EA review period will occur from December 12, 2016 until January 13, 2017.

Websites: The draft EA will be available for review at the following websites:

- energy.gov/node/2191870
- <http://energy.gov/nepa/ea-2039-brine-disposal-pipeline-replacement-project-strategic-petroleum-reserve-west-hackberry>
- <http://www.spr.doe.gov/esh/default.html>
- <http://www.spr.doe.gov/NEPA/default.htm>

The public is invited to review and comment on the draft EA that has been prepared to analyze potential environmental consequences of the proposed project. The SPRPMO has prepared the draft EA in accordance with the requirements of the National Environmental Policy Act, the Council on Environmental Quality regulations implementing the National Environmental Policy Act (40 CFR 1500-1508), and the Department of Energy regulations for implementing the National Environmental Policy Act (10 CFR 1021). Requests for an electronic copy or hard copy should be mailed to: Draft Environmental Assessment, Mr. Will Woods, 900 East Commerce Road, Mail Stop FE-4441, New Orleans, LA 70123. Requests may also be submitted by fax to Mr. Woods at (504) 818-5329 or by e-mail to: Will.woods@spr.doe.gov.

Copies of the draft EA are available for public viewing at the following locations:

- Cameron Parish Library-Hackberry Branch, 983, Main Street, Hackberry, LA 70645
- Cameron Main Library, 501 Marshall Street, Cameron, LA 70631
- Cameron Parish Library-Grand Lake Branch, 10200 Gulf Highway, Lake Charles, LA 70607
- Sulphur Regional Library, 1160 Cypress Street, Sulphur, LA 70663
- Calcasieu Parish Central Library, 301 W. Claude Street, Lake Charles, LA 70605

All comments on the draft EA should be submitted in writing by January 13, 2017 to Mr. Woods at the address, fax number, or e-mail listed above.

FOR FURTHER INFORMATION ON THE DOE NATIONAL ENVIRONMENTAL POLICY ACT (NEPA) PROCESS: Information on Department of Energy National Environmental Policy Act compliance and implementation is available from: The U.S. Department of Energy, Office of NEPA Policy and Compliance (GC-54), 1000 Independence Avenue, S.W., Washington, D.C. 20585-0119 or leave a message on their toll-free number: 1-800-472-2756; fax to: 202-586-7031; or e-mail them to: askNEPA@hq.doe.gov.

Castille, Barbara

From: Castille, Barbara
Sent: Monday, December 12, 2016 12:04 PM
To: 'brad_riek@fws.gov'
Cc: Adams, Gabriel (Gabriel.Adams@spr.doe.gov)
Subject: Notice of Availability, Draft Environmental Assessment, SPR West Hackberry Brine Disposal Pipeline Replacement Project
Attachments: WestHackberry_NoticeOfAvailability_DraftEnvironmentalAssessment_ToUSFWS_BRieck_121216_FINAL.pdf

Mr. Rieck—

The US Department of Energy (DOE) has prepared an Environmental Assessment (EA) for a project proposed to replace an existing, aging brine disposal pipeline with a new pipeline at the Strategic Petroleum Reserve (SPR), West Hackberry facility located in Cameron Parish, Louisiana (please see attached Notice of Availability of an Environmental Assessment).

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- energy.gov/node/2191870
- <http://energy.gov/nepa/ea-2039-brine-disposal-pipeline-replacement-project-strategic-petroleum-reserve-west-hackberry>
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- <http://www.spr.doe.gov/NEPA/default.htm>

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Comments on the document should be sent by January 13, 2017 to Mr. Will Woods at Will.woods@spr.doe.gov, or by fax to (504) 818-5329, or by US Postal Service to Mr. Will Woods, Strategic Petroleum Reserve, FE-4441, 900 East Commerce Road, New Orleans, LA 70123.

Respectfully submitted,

Barbara

Barbara Castille

Manager, Environmental Planning

S&B Infrastructure, Ltd.

530 Wells Fargo Drive
Houston, Texas 77090
Direct: (713) 845-5392
Main: (713) 845-5401
Cell: (281) 960-6421
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To: Brad Rieck, US Fish and Wildlife Service, Louisiana Ecological Services Field Office, 646 Cajundome Boulevard, Suite 400, Lafayette, LA 70506

Date: December 12, 2016

Project: West Hackberry Brine Disposal Pipeline Replacement Project

Agency: Department of Energy, Strategic Petroleum Reserve

Action: Notice of Availability of an Environmental Assessment

Summary: Notice is hereby given that the Department of Energy, Strategic Petroleum Reserve Project Management Office (DOE/SPRPMO) is issuing a draft Environmental Assessment (EA) in connection with potential impacts related to the replacement of an existing, aging brine disposal pipeline with a new pipeline at the West Hackberry facility in Cameron Parish, Louisiana. The proposed action would involve the installation of approximately 2.1 miles of 24-inch pipeline to replace the existing brine disposal pipeline which would remain in place but would be removed from service. The proposed pipeline would be installed using open cut trenching methods except at road crossings in which jack and bore techniques would be utilized as needed.

Review

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Copies of the draft EA are available for public viewing at the following locations:

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- Calcasieu Parish Central Library, 301 W. Claude Street, Lake Charles, LA 70605

All comments on the draft EA should be submitted in writing by January 13, 2017 to Mr. Woods at the address, fax number, or e-mail listed above.

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Castille, Barbara

From: Castille, Barbara
Sent: Monday, December 12, 2016 12:12 PM
To: 'SWLRComplex@fws.gov'
Cc: Adams, Gabriel (Gabriel.Adams@spr.doe.gov)
Subject: Notice of Availability, Draft Environmental Assessment, SPR West Hackberry Brine Disposal Pipeline Replacement Project
Attachments: WestHackberry_NoticeOfAvailability_DraftEnvironmentalAssessment_ToUSFWS_TDelaine_121216_FINAL.pdf

Mr. Delaine--

The US Department of Energy (DOE) has prepared an Environmental Assessment (EA) for a project proposed to replace an existing, aging brine disposal pipeline with a new pipeline at the Strategic Petroleum Reserve (SPR), West Hackberry facility located in Cameron Parish, Louisiana (please see attached Notice of Availability of an Environmental Assessment).

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Respectfully submitted,

Barbara

Barbara Castille

Manager, Environmental Planning

S&B Infrastructure, Ltd.

530 Wells Fargo Drive
Houston, Texas 77090
Direct: (713) 845-5392
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To: Terrance Delaine, US Fish and Wildlife Service, Sabine National Wildlife Refuge, 3000 Holly Beach Highway, Hackberry, LA 70645

Date: December 12, 2016

Project: West Hackberry Brine Disposal Pipeline Replacement Project

Agency: Department of Energy, Strategic Petroleum Reserve

Action: Notice of Availability of an Environmental Assessment

Summary: Notice is hereby given that the Department of Energy, Strategic Petroleum Reserve Project Management Office (DOE/SPRPMO) is issuing a draft Environmental Assessment (EA) in connection with potential impacts related to the replacement of an existing, aging brine disposal pipeline with a new pipeline at the West Hackberry facility in Cameron Parish, Louisiana. The proposed action would involve the installation of approximately 2.1 miles of 24-inch pipeline to replace the existing brine disposal pipeline which would remain in place but would be removed from service. The proposed pipeline would be installed using open cut trenching methods except at road crossings in which jack and bore techniques would be utilized as needed.

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- <http://www.spr.doe.gov/esh/default.html>
- <http://www.spr.doe.gov/NEPA/default.htm>

The public is invited to review and comment on the draft EA that has been prepared to analyze potential environmental consequences of the proposed project. The SPRPMO has prepared the draft EA in accordance with the requirements of the National Environmental Policy Act, the Council on Environmental Quality regulations implementing the National Environmental Policy Act (40 CFR 1500-1508), and the Department of Energy regulations for implementing the National Environmental Policy Act (10 CFR 1021). Requests for an electronic copy or hard copy should be mailed to: Draft Environmental Assessment, Mr. Will Woods, 900 East Commerce Road, Mail Stop FE-4441, New Orleans, LA 70123. Requests may also be submitted by fax to Mr. Woods at (504) 818-5329 or by e-mail to: Will.woods@spr.doe.gov.

Copies of the draft EA are available for public viewing at the following locations:

- Cameron Parish Library-Hackberry Branch, 983, Main Street, Hackberry, LA 70645
- Cameron Main Library, 501 Marshall Street, Cameron, LA 70631
- Cameron Parish Library-Grand Lake Branch, 10200 Gulf Highway, Lake Charles, LA 70607
- Sulphur Regional Library, 1160 Cypress Street, Sulphur, LA 70663
- Calcasieu Parish Central Library, 301 W. Claude Street, Lake Charles, LA 70605

All comments on the draft EA should be submitted in writing by January 13, 2017 to Mr. Woods at the address, fax number, or e-mail listed above.

FOR FURTHER INFORMATION ON THE DOE NATIONAL ENVIRONMENTAL POLICY ACT (NEPA) PROCESS: Information on Department of Energy National Environmental Policy Act compliance and implementation is available from: The U.S. Department of Energy, Office of NEPA Policy and Compliance (GC-54), 1000 Independence Avenue, S.W., Washington, D.C. 20585-0119 or leave a message on their toll-free number: 1-800-472-2756; fax to: 202-586-7031; or e-mail them to: askNEPA@hq.doe.gov.

Castille, Barbara

From: Castille, Barbara
Sent: Monday, December 12, 2016 12:26 PM
To: 'houston.robert@epa.gov'
Cc: Adams, Gabriel (Gabriel.Adams@spr.doe.gov)
Subject: Notice of Availability, Draft Environmental Assessment, SPR West Hackberry Brine Disposal Pipeline Replacement Project
Attachments: WestHackberry_NoticeOfAvailability_DraftEnvironmentalAssessment_ToUSEPA_RHouston_121216_FINAL.pdf

Mr. Houston—

The US Department of Energy (DOE) has prepared an Environmental Assessment (EA) for a project proposed to replace an existing, aging brine disposal pipeline with a new pipeline at the Strategic Petroleum Reserve (SPR), West Hackberry facility located in Cameron Parish, Louisiana (please see attached Notice of Availability of an Environmental Assessment).

The draft EA document has been posted to the following websites:

- energy.gov/node/2191870
- <http://energy.gov/nepa/ea-2039-brine-disposal-pipeline-replacement-project-strategic-petroleum-reserve-west-hackberry>
- <http://www.spr.doe.gov/esh/default.html>
- <http://www.spr.doe.gov/NEPA/default.htm>

The draft EA review period will occur from Monday, December 12, 2016 through Friday, January 13, 2017.

Comments on the document should be sent by January 13, 2017 to Mr. Will Woods at Will.woods@spr.doe.gov, or by fax to (504) 818-5329, or by US Postal Service to Mr. Will Woods, Strategic Petroleum Reserve, FE-4441, 900 East Commerce Road, New Orleans, LA 70123.

Respectfully submitted,

Barbara

Barbara Castille

Manager, Environmental Planning

S&B Infrastructure, Ltd.

530 Wells Fargo Drive
Houston, Texas 77090
Direct: (713) 845-5392
Main: (713) 845-5401
Cell: (281) 960-6421
bcastille@sbinfra.com

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To: Robert Houston, Chief, US Environmental Protection Agency, Office of Planning & Coordination, 1445 Ross Avenue, Dallas, TX 75202

Date: December 12, 2016

Project: West Hackberry Brine Disposal Pipeline Replacement Project

Agency: Department of Energy, Strategic Petroleum Reserve

Action: Notice of Availability of an Environmental Assessment

Summary: Notice is hereby given that the Department of Energy, Strategic Petroleum Reserve Project Management Office (DOE/SPRPMO) is issuing a draft Environmental Assessment (EA) in connection with potential impacts related to the replacement of an existing, aging brine disposal pipeline with a new pipeline at the West Hackberry facility in Cameron Parish, Louisiana. The proposed action would involve the installation of approximately 2.1 miles of 24-inch pipeline to replace the existing brine disposal pipeline which would remain in place but would be removed from service. The proposed pipeline would be installed using open cut trenching methods except at road crossings in which jack and bore techniques would be utilized as needed.

Review

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The public is invited to review and comment on the draft EA that has been prepared to analyze potential environmental consequences of the proposed project. The SPRPMO has prepared the draft EA in accordance with the requirements of the National Environmental Policy Act, the Council on Environmental Quality regulations implementing the National Environmental Policy Act (40 CFR 1500-1508), and the Department of Energy regulations for implementing the National Environmental Policy Act (10 CFR 1021). Requests for an electronic copy or hard copy should be mailed to: Draft Environmental Assessment, Mr. Will Woods, 900 East Commerce Road, Mail Stop FE-4441, New Orleans, LA 70123. Requests may also be submitted by fax to Mr. Woods at (504) 818-5329 or by e-mail to: Will.woods@spr.doe.gov.

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- Calcasieu Parish Central Library, 301 W. Claude Street, Lake Charles, LA 70605

All comments on the draft EA should be submitted in writing by January 13, 2017 to Mr. Woods at the address, fax number, or e-mail listed above.

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Castille, Barbara

From: Castille, Barbara
Sent: Monday, December 12, 2016 12:34 PM
To: 'Angela.H.Songy@uscg.mil'
Cc: Adams, Gabriel (Gabriel.Adams@spr.doe.gov)
Subject: Notice of Availability, Draft Environmental Assessment, SPR West Hackberry Brine Disposal Pipeline Replacement Project
Attachments: WestHackberry_NoticeOfAvailability_DraftEnvironmentalAssessment_ToUSCG_RADCallahan_121216_FINAL.pdf

[Angela Songy for Rear Admiral David R. Callahan]

Rear Admiral David Callahan--

The US Department of Energy (DOE) has prepared an Environmental Assessment (EA) for a project proposed to replace an existing, aging brine disposal pipeline with a new pipeline at the Strategic Petroleum Reserve (SPR), West Hackberry facility located in Cameron Parish, Louisiana (please see attached Notice of Availability of an Environmental Assessment).

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Comments on the document should be sent by January 13, 2017 to Mr. Will Woods at Will.woods@spr.doe.gov, or by fax to (504) 818-5329, or by US Postal Service to Mr. Will Woods, Strategic Petroleum Reserve, FE-4441, 900 East Commerce Road, New Orleans, LA 70123.

Respectfully submitted,

Barbara

Barbara Castille
Manager, Environmental Planning
S&B Infrastructure, Ltd.
530 Wells Fargo Drive
Houston, Texas 77090
Direct: (713) 845-5392
Main: (713) 845-5401
Cell: (281) 960-6421
blcastille@sbinfra.com

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To: Rear Admiral David Callahan, District Commander, US Coast Guard, Hale Boggs Federal Building, 500 Poydras Street, New Orleans, LA 70130

Date: December 12, 2016

Project: West Hackberry Brine Disposal Pipeline Replacement Project

Agency: Department of Energy, Strategic Petroleum Reserve

Action: Notice of Availability of an Environmental Assessment

Summary: Notice is hereby given that the Department of Energy, Strategic Petroleum Reserve Project Management Office (DOE/SPRPMO) is issuing a draft Environmental Assessment (EA) in connection with potential impacts related to the replacement of an existing, aging brine disposal pipeline with a new pipeline at the West Hackberry facility in Cameron Parish, Louisiana. The proposed action would involve the installation of approximately 2.1 miles of 24-inch pipeline to replace the existing brine disposal pipeline which would remain in place but would be removed from service. The proposed pipeline would be installed using open cut trenching methods except at road crossings in which jack and bore techniques would be utilized as needed.

Review

Period: The draft EA review period will occur from December 12, 2016 until January 13, 2017.

Websites: The draft EA will be available for review at the following websites:

- energy.gov/node/2191870
- <http://energy.gov/nepa/ea-2039-brine-disposal-pipeline-replacement-project-strategic-petroleum-reserve-west-hackberry>
- <http://www.spr.doe.gov/esh/default.html>
- <http://www.spr.doe.gov/NEPA/default.htm>

The public is invited to review and comment on the draft EA that has been prepared to analyze potential environmental consequences of the proposed project. The SPRPMO has prepared the draft EA in accordance with the requirements of the National Environmental Policy Act, the Council on Environmental Quality regulations implementing the National Environmental Policy Act (40 CFR 1500-1508), and the Department of Energy regulations for implementing the National Environmental Policy Act (10 CFR 1021). Requests for an electronic copy or hard copy should be mailed to: Draft Environmental Assessment, Mr. Will Woods, 900 East Commerce Road, Mail Stop FE-4441, New Orleans, LA 70123. Requests may also be submitted by fax to Mr. Woods at (504) 818-5329 or by e-mail to: Will.woods@spr.doe.gov.

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- Calcasieu Parish Central Library, 301 W. Claude Street, Lake Charles, LA 70605

All comments on the draft EA should be submitted in writing by January 13, 2017 to Mr. Woods at the address, fax number, or e-mail listed above.

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Castille, Barbara

From: Castille, Barbara
Sent: Monday, December 12, 2016 3:40 PM
To: 'david.m.frank@uscg.mil'
Cc: Adams, Gabriel (Gabriel.Adams@spr.doe.gov)
Subject: Notice of Availability, Draft Environmental Assessment, SPR West Hackberry Brine Disposal Pipeline Replacement Project
Attachments: WestHackberry_NoticeOfAvailability_DraftEnvironmentalAssessment_ToUSCG_DFrank_121216_FINAL.pdf

Mr. Frank—

The US Department of Energy (DOE) has prepared an Environmental Assessment (EA) for a project proposed to replace an existing, aging brine disposal pipeline with a new pipeline at the Strategic Petroleum Reserve (SPR), West Hackberry facility located in Cameron Parish, Louisiana (please see attached Notice of Availability of an Environmental Assessment).

The draft EA document has been posted to the following websites:

- energy.gov/node/2191870
- <http://energy.gov/nepa/ea-2039-brine-disposal-pipeline-replacement-project-strategic-petroleum-reserve-west-hackberry>
- <http://www.spr.doe.gov/esh/default.html>
- <http://www.spr.doe.gov/NEPA/default.htm>

The draft EA review period will occur from Monday, December 12, 2016 through Friday, January 13, 2017.

Comments on the document should be sent by January 13, 2017 to Mr. Will Woods at Will.woods@spr.doe.gov, or by fax to (504) 818-5329, or by US Postal Service to Mr. Will Woods, Strategic Petroleum Reserve, FE-4441, 900 East Commerce Road, New Orleans, LA 70123.

Respectfully submitted,

Barbara

Barbara Castille

Manager, Environmental Planning

S&B Infrastructure, Ltd.

530 Wells Fargo Drive
Houston, Texas 77090
Direct: (713) 845-5392
Main: (713) 845-5401
Cell: (281) 960-6421
bcastille@sbinfra.com

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To: David M. Frank, Branch Supervisor, Bridge Administration, US Coast Guard, Hale Boggs Federal Building, 500 Poydras Street, New Orleans, LA 70130

Date: December 12, 2016

Project: West Hackberry Brine Disposal Pipeline Replacement Project

Agency: Department of Energy, Strategic Petroleum Reserve

Action: Notice of Availability of an Environmental Assessment

Summary: Notice is hereby given that the Department of Energy, Strategic Petroleum Reserve Project Management Office (DOE/SPRPMO) is issuing a draft Environmental Assessment (EA) in connection with potential impacts related to the replacement of an existing, aging brine disposal pipeline with a new pipeline at the West Hackberry facility in Cameron Parish, Louisiana. The proposed action would involve the installation of approximately 2.1 miles of 24-inch pipeline to replace the existing brine disposal pipeline which would remain in place but would be removed from service. The proposed pipeline would be installed using open cut trenching methods except at road crossings in which jack and bore techniques would be utilized as needed.

Review

Period: The draft EA review period will occur from December 12, 2016 until January 13, 2017.

Websites: The draft EA will be available for review at the following websites:

- energy.gov/node/2191870
- <http://energy.gov/nepa/ea-2039-brine-disposal-pipeline-replacement-project-strategic-petroleum-reserve-west-hackberry>
- <http://www.spr.doe.gov/esh/default.html>
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The public is invited to review and comment on the draft EA that has been prepared to analyze potential environmental consequences of the proposed project. The SPRPMO has prepared the draft EA in accordance with the requirements of the National Environmental Policy Act, the Council on Environmental Quality regulations implementing the National Environmental Policy Act (40 CFR 1500-1508), and the Department of Energy regulations for implementing the National Environmental Policy Act (10 CFR 1021). Requests for an electronic copy or hard copy should be mailed to: Draft Environmental Assessment, Mr. Will Woods, 900 East Commerce Road, Mail Stop FE-4441, New Orleans, LA 70123. Requests may also be submitted by fax to Mr. Woods at (504) 818-5329 or by e-mail to: Will.woods@spr.doe.gov.

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- Cameron Parish Library-Hackberry Branch, 983, Main Street, Hackberry, LA 70645
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- Calcasieu Parish Central Library, 301 W. Claude Street, Lake Charles, LA 70605

All comments on the draft EA should be submitted in writing by January 13, 2017 to Mr. Woods at the address, fax number, or e-mail listed above.

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Castille, Barbara

From: Castille, Barbara
Sent: Monday, December 12, 2016 5:11 PM
To: 'Roderick.C.Bawar@uscg.mil'
Cc: Adams, Gabriel (Gabriel.Adams@spr.doe.gov)
Subject: Notice of Availability, Draft Environmental Assessment, SPR West Hackberry Brine Disposal Pipeline Replacement Project
Attachments: WestHackberry_NoticeOfAvailability_DraftEnvironmentalAssessment_ToUSCG_RBawar_121216_FINAL.pdf

Mr. Bawar—

The US Department of Energy (DOE) has prepared an Environmental Assessment (EA) for a project proposed to replace an existing, aging brine disposal pipeline with a new pipeline at the Strategic Petroleum Reserve (SPR), West Hackberry facility located in Cameron Parish, Louisiana (please see attached Notice of Availability of an Environmental Assessment).

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The draft EA review period will occur from Monday, December 12, 2016 through Friday, January 13, 2017.

Comments on the document should be sent by January 13, 2017 to Mr. Will Woods at Will.woods@spr.doe.gov, or by fax to (504) 818-5329, or by US Postal Service to Mr. Will Woods, Strategic Petroleum Reserve, FE-4441, 900 East Commerce Road, New Orleans, LA 70123.

Respectfully submitted,

Barbara

Barbara Castille

Manager, Environmental Planning

S&B Infrastructure, Ltd.

530 Wells Fargo Drive
Houston, Texas 77090
Direct: (713) 845-5392
Main: (713) 845-5401
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To: Roderick C. Bawar, MST2, US Coast Guard, Waterways Management, Facilities Inspection, Marine Safety Unit, 127 West Broad Street, Suite 200, Lake Charles, LA 70601

Date: December 12, 2016

Project: West Hackberry Brine Disposal Pipeline Replacement Project

Agency: Department of Energy, Strategic Petroleum Reserve

Action: Notice of Availability of an Environmental Assessment

Summary: Notice is hereby given that the Department of Energy, Strategic Petroleum Reserve Project Management Office (DOE/SPRPMO) is issuing a draft Environmental Assessment (EA) in connection with potential impacts related to the replacement of an existing, aging brine disposal pipeline with a new pipeline at the West Hackberry facility in Cameron Parish, Louisiana. The proposed action would involve the installation of approximately 2.1 miles of 24-inch pipeline to replace the existing brine disposal pipeline which would remain in place but would be removed from service. The proposed pipeline would be installed using open cut trenching methods except at road crossings in which jack and bore techniques would be utilized as needed.

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Castille, Barbara

From: Castille, Barbara
Sent: Monday, December 12, 2016 2:52 PM
To: 'john.quinn@dot.gov'
Cc: Adams, Gabriel (Gabriel.Adams@spr.doe.gov)
Subject: Notice of Availability, Draft Environmental Assessment, SPR West Hackberry Brine Disposal Pipeline Replacement Project
Attachments: WestHackberry_NoticeOfAvailability_DraftEnvironmentalAssessment_ToUSDOT_JQuinn_121216_FINAL.pdf

Mr. Quinn—

The US Department of Energy (DOE) has prepared an Environmental Assessment (EA) for a project proposed to replace an existing, aging brine disposal pipeline with a new pipeline at the Strategic Petroleum Reserve (SPR), West Hackberry facility located in Cameron Parish, Louisiana (please see attached Notice of Availability of an Environmental Assessment).

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Respectfully submitted,

Barbara

Barbara Castille

Manager, Environmental Planning

S&B Infrastructure, Ltd.

530 Wells Fargo Drive
Houston, Texas 77090

Direct: (713) 845-5392

Main: (713) 845-5401

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To: John P. Quinn, Associate Administrator for Environment and Compliance, US Department of Transportation, 1200 New Jersey Avenue, SE, Washington, DC 20590

Date: December 12, 2016

Project: West Hackberry Brine Disposal Pipeline Replacement Project

Agency: Department of Energy, Strategic Petroleum Reserve

Action: Notice of Availability of an Environmental Assessment

Summary: Notice is hereby given that the Department of Energy, Strategic Petroleum Reserve Project Management Office (DOE/SPRPMO) is issuing a draft Environmental Assessment (EA) in connection with potential impacts related to the replacement of an existing, aging brine disposal pipeline with a new pipeline at the West Hackberry facility in Cameron Parish, Louisiana. The proposed action would involve the installation of approximately 2.1 miles of 24-inch pipeline to replace the existing brine disposal pipeline which would remain in place but would be removed from service. The proposed pipeline would be installed using open cut trenching methods except at road crossings in which jack and bore techniques would be utilized as needed.

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Castille, Barbara

From: Castille, Barbara
Sent: Monday, December 12, 2016 10:24 AM
To: 'jan.koellen@noaa.gov'; 'brandon.howard@noaa.gov'
Cc: Adams, Gabriel (Gabriel.Adams@spr.doe.gov)
Subject: Notice of Availability, Draft Environmental Assessment, SPR West Hackberry Brine Disposal Pipeline Replacement Project
Attachments: WestHackberry_NoticeOfAvailability_DraftEnvironmentalAssessment_ToNOAA_NMFS_VFay_121216_FINAL.pdf;
WestHackberry_NoticeOfAvailability_DraftEnvironmentalAssessment_ToNOAA_NMFS_BHoward_121216_FINAL.pdf

[To Jan Koellen for Virginia Fay]

Ms. Fay and Mr. Howard—

The US Department of Energy (DOE) has prepared an Environmental Assessment (EA) for a project proposed to replace an existing, aging brine disposal pipeline with a new pipeline at the Strategic Petroleum Reserve (SPR), West Hackberry facility located in Cameron Parish, Louisiana (please see attached Notice of Availability of an Environmental Assessment).

The draft EA document has been posted to the following websites:

- energy.gov/node/2191870
- <http://energy.gov/nepa/ea-2039-brine-disposal-pipeline-replacement-project-strategic-petroleum-reserve-west-hackberry>
- <http://www.spr.doe.gov/esh/default.html>
- <http://www.spr.doe.gov/NEPA/default.htm>

The draft EA review period will occur from Monday, December 12, 2016 through Friday, January 13, 2017.

Comments on the document should be sent by January 13, 2017 to Mr. Will Woods at Will.woods@spr.doe.gov, or by fax to (504) 818-5329, or by US Postal Service to Mr. Will Woods, Strategic Petroleum Reserve, FE-4441, 900 East Commerce Road, New Orleans, LA 70123.

Respectfully submitted,

Barbara

Barbara Castille

Manager, Environmental Planning

S&B Infrastructure, Ltd.

530 Wells Fargo Drive
Houston, Texas 77090
Direct: (713) 845-5392
Main: (713) 845-5401
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blcastille@sbinfra.com

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To: Virginia Fay, Assistant Regional Administrator, National Oceanic and Atmospheric Administration, National Marine Fisheries Service, Habitat Conservation Division, Southeast Regional Office, 263 13th Avenue South, St. Petersburg, Florida 33701

Date: December 12, 2016

Project: West Hackberry Brine Disposal Pipeline Replacement Project

Agency: Department of Energy, Strategic Petroleum Reserve

Action: Notice of Availability of an Environmental Assessment

Summary: Notice is hereby given that the Department of Energy, Strategic Petroleum Reserve Project Management Office (DOE/SPRPMO) is issuing a draft Environmental Assessment (EA) in connection with potential impacts related to the replacement of an existing, aging brine disposal pipeline with a new pipeline at the West Hackberry facility in Cameron Parish, Louisiana. The proposed action would involve the installation of approximately 2.1 miles of 24-inch pipeline to replace the existing brine disposal pipeline which would remain in place but would be removed from service. The proposed pipeline would be installed using open cut trenching methods except at road crossings in which jack and bore techniques would be utilized as needed.

Review

Period: The draft EA review period will occur from December 12, 2016 until January 13, 2017.

Websites: The draft EA will be available for review at the following websites:

- energy.gov/node/2191870
- <http://energy.gov/nepa/ea-2039-brine-disposal-pipeline-replacement-project-strategic-petroleum-reserve-west-hackberry>
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- <http://www.spr.doe.gov/NEPA/default.htm>

The public is invited to review and comment on the draft EA that has been prepared to analyze potential environmental consequences of the proposed project. The SPRPMO has prepared the draft EA in accordance with the requirements of the National Environmental Policy Act, the Council on Environmental Quality regulations implementing the National Environmental Policy Act (40 CFR 1500-1508), and the Department of Energy regulations for implementing the National Environmental Policy Act (10 CFR 1021). Requests for an electronic copy or hard copy should be mailed to: Draft Environmental Assessment, Mr. Will Woods, 900 East Commerce Road, Mail Stop FE-4441, New Orleans, LA 70123. Requests may also be submitted by fax to Mr. Woods at (504) 818-5329 or by e-mail to: Will.woods@spr.doe.gov.

Copies of the draft EA are available for public viewing at the following locations:

- Cameron Parish Library-Hackberry Branch, 983, Main Street, Hackberry, LA 70645
- Cameron Main Library, 501 Marshall Street, Cameron, LA 70631
- Cameron Parish Library-Grand Lake Branch, 10200 Gulf Highway, Lake Charles, LA 70607
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- Calcasieu Parish Central Library, 301 W. Claude Street, Lake Charles, LA 70605

All comments on the draft EA should be submitted in writing by January 13, 2017 to Mr. Woods at the address, fax number, or e-mail listed above.

FOR FURTHER INFORMATION ON THE DOE NATIONAL ENVIRONMENTAL POLICY ACT (NEPA) PROCESS: Information on Department of Energy National Environmental Policy Act compliance and implementation is available from: The U.S. Department of Energy, Office of NEPA Policy and Compliance (GC-54), 1000 Independence Avenue, S.W., Washington, D.C. 20585-0119 or leave a message on their toll-free number: 1-800-472-2756; fax to: 202-586-7031; or e-mail them to: askNEPA@hq.doe.gov.

To: Brandon Howard, National Oceanic and Atmospheric Administration, National Marine Fisheries Service, Habitat Conservation Division, LSU Military Science Building, Room 266, South Stadium Drive, Baton Rouge, LA 70803

Date: December 12, 2016

Project: West Hackberry Brine Disposal Pipeline Replacement Project

Agency: Department of Energy, Strategic Petroleum Reserve

Action: Notice of Availability of an Environmental Assessment

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Castille, Barbara

From: Castille, Barbara
Sent: Monday, December 12, 2016 9:26 AM
To: kevin.norton@la.usda.gov; mitchell.mouton@la.usda.gov
Cc: Adams, Gabriel (Gabriel.Adams@spr.doe.gov)
Subject: Notice of Availability, Draft Environmental Assessment, SPR West Hackberry Brine Disposal Pipeline Replacement Project
Attachments: WestHackberry_NoticeOfAvailability_DraftEnvironmentalAssessment_ToUSDA_121216_FINAL.pdf

Mr. Norton and Mr. Mouton—

The US Department of Energy (DOE) has prepared an Environmental Assessment (EA) for a project proposed to replace an existing, aging brine disposal pipeline with a new pipeline at the Strategic Petroleum Reserve (SPR), West Hackberry facility located in Cameron Parish, Louisiana (please see attached Notice of Availability of an Environmental Assessment).

The draft EA document has been posted to the following websites:

- energy.gov/node/2191870
- <http://energy.gov/nepa/ea-2039-brine-disposal-pipeline-replacement-project-strategic-petroleum-reserve-west-hackberry>
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The draft EA review period will occur from Monday, December 12, 2016 through Friday, January 13, 2017.

Comments on the document should be sent by January 13, 2017 to Mr. Will Woods at Will.woods@spr.doe.gov, or by fax to (504) 818-5329, or by US Postal Service to Mr. Will Woods, Strategic Petroleum Reserve, FE-4441, 900 East Commerce Road, New Orleans, LA 70123.

Respectfully submitted,

Barbara

Barbara Castille

Manager, Environmental Planning

S&B Infrastructure, Ltd.

530 Wells Fargo Drive
Houston, Texas 77090
Direct: (713) 845-5392
Main: (713) 845-5401
Cell: (281) 960-6421
bcastille@sbinfra.com

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To: Kevin Norton, Mitchell Mouton, US Department of Agriculture, Natural Resources Conservation Service, State Office, 3737 Government Street, Alexandria, LA 71302

Date: December 12, 2016

Project: West Hackberry Brine Disposal Pipeline Replacement Project

Agency: Department of Energy, Strategic Petroleum Reserve

Action: Notice of Availability of an Environmental Assessment

Summary: Notice is hereby given that the Department of Energy, Strategic Petroleum Reserve Project Management Office (DOE/SPRPMO) is issuing a draft Environmental Assessment (EA) in connection with potential impacts related to the replacement of an existing, aging brine disposal pipeline with a new pipeline at the West Hackberry facility in Cameron Parish, Louisiana. The proposed action would involve the installation of approximately 2.1 miles of 24-inch pipeline to replace the existing brine disposal pipeline which would remain in place but would be removed from service. The proposed pipeline would be installed using open cut trenching methods except at road crossings in which jack and bore techniques would be utilized as needed.

Review

Period: The draft EA review period will occur from December 12, 2016 until January 13, 2017.

Websites: The draft EA will be available for review at the following websites:

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- <http://energy.gov/nepa/ea-2039-brine-disposal-pipeline-replacement-project-strategic-petroleum-reserve-west-hackberry>
- <http://www.spr.doe.gov/esh/default.html>
- <http://www.spr.doe.gov/NEPA/default.htm>

The public is invited to review and comment on the draft EA that has been prepared to analyze potential environmental consequences of the proposed project. The SPRPMO has prepared the draft EA in accordance with the requirements of the National Environmental Policy Act, the Council on Environmental Quality regulations implementing the National Environmental Policy Act (40 CFR 1500-1508), and the Department of Energy regulations for implementing the National Environmental Policy Act (10 CFR 1021). Requests for an electronic copy or hard copy should be mailed to: Draft Environmental Assessment, Mr. Will Woods, 900 East Commerce Road, Mail Stop FE-4441, New Orleans, LA 70123. Requests may also be submitted by fax to Mr. Woods at (504) 818-5329 or by e-mail to: Will.woods@spr.doe.gov.

Copies of the draft EA are available for public viewing at the following locations:

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- Cameron Parish Library-Grand Lake Branch, 10200 Gulf Highway, Lake Charles, LA 70607
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- Calcasieu Parish Central Library, 301 W. Claude Street, Lake Charles, LA 70605

All comments on the draft EA should be submitted in writing by January 13, 2017 to Mr. Woods at the address, fax number, or e-mail listed above.

FOR FURTHER INFORMATION ON THE DOE NATIONAL ENVIRONMENTAL POLICY ACT (NEPA) PROCESS: Information on Department of Energy National Environmental Policy Act compliance and implementation is available from: The U.S. Department of Energy, Office of NEPA Policy and Compliance (GC-54), 1000 Independence Avenue, S.W., Washington, D.C. 20585-0119 or leave a message on their toll-free number: 1-800-472-2756; fax to: 202-586-7031; or e-mail them to: askNEPA@hq.doe.gov.

Castille, Barbara

From: Castille, Barbara
Sent: Monday, December 12, 2016 2:30 PM
To: 'pboggan@crt.state.la.us'
Cc: Adams, Gabriel (Gabriel.Adams@spr.doe.gov)
Subject: Notice of Availability, Draft Environmental Assessment, SPR West Hackberry Brine Disposal Pipeline Replacement Project
Attachments: WestHackberry_NoticeOfAvailability_DraftEnvironmentalAssessment_ToLADCRT_PBoggan_121216_FINAL.pdf

Mr. Boggan—

The US Department of Energy (DOE) has prepared an Environmental Assessment (EA) for a project proposed to replace an existing, aging brine disposal pipeline with a new pipeline at the Strategic Petroleum Reserve (SPR), West Hackberry facility located in Cameron Parish, Louisiana (please see attached Notice of Availability of an Environmental Assessment).

The draft EA document has been posted to the following websites:

- energy.gov/node/2191870
- <http://energy.gov/nepa/ea-2039-brine-disposal-pipeline-replacement-project-strategic-petroleum-reserve-west-hackberry>
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The draft EA review period will occur from Monday, December 12, 2016 through Friday, January 13, 2017.

Comments on the document should be sent by January 13, 2017 to Mr. Will Woods at Will.woods@spr.doe.gov, or by fax to (504) 818-5329, or by US Postal Service to Mr. Will Woods, Strategic Petroleum Reserve, FE-4441, 900 East Commerce Road, New Orleans, LA 70123.

Respectfully submitted,

Barbara

Barbara Castille

Manager, Environmental Planning

S&B Infrastructure, Ltd.

530 Wells Fargo Drive
Houston, Texas 77090
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Barbara Castille

To: Phil Boggan, State Historic Preservation Officer, Louisiana Department of Culture, Recreation and Tourism, PO Box 44247, Baton Rouge, LA 70804

Date: December 12, 2016

Project: West Hackberry Brine Disposal Pipeline Replacement Project

Agency: Department of Energy, Strategic Petroleum Reserve

Action: Notice of Availability of an Environmental Assessment

Summary: Notice is hereby given that the Department of Energy, Strategic Petroleum Reserve Project Management Office (DOE/SPRPMO) is issuing a draft Environmental Assessment (EA) in connection with potential impacts related to the replacement of an existing, aging brine disposal pipeline with a new pipeline at the West Hackberry facility in Cameron Parish, Louisiana. The proposed action would involve the installation of approximately 2.1 miles of 24-inch pipeline to replace the existing brine disposal pipeline which would remain in place but would be removed from service. The proposed pipeline would be installed using open cut trenching methods except at road crossings in which jack and bore techniques would be utilized as needed.

Review

Period: The draft EA review period will occur from December 12, 2016 until January 13, 2017.

Websites: The draft EA will be available for review at the following websites:

- energy.gov/node/2191870
- <http://energy.gov/nepa/ea-2039-brine-disposal-pipeline-replacement-project-strategic-petroleum-reserve-west-hackberry>
- <http://www.spr.doe.gov/esh/default.html>
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The public is invited to review and comment on the draft EA that has been prepared to analyze potential environmental consequences of the proposed project. The SPRPMO has prepared the draft EA in accordance with the requirements of the National Environmental Policy Act, the Council on Environmental Quality regulations implementing the National Environmental Policy Act (40 CFR 1500-1508), and the Department of Energy regulations for implementing the National Environmental Policy Act (10 CFR 1021). Requests for an electronic copy or hard copy should be mailed to: Draft Environmental Assessment, Mr. Will Woods, 900 East Commerce Road, Mail Stop FE-4441, New Orleans, LA 70123. Requests may also be submitted by fax to Mr. Woods at (504) 818-5329 or by e-mail to: Will.woods@spr.doe.gov.

Copies of the draft EA are available for public viewing at the following locations:

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- Cameron Main Library, 501 Marshall Street, Cameron, LA 70631
- Cameron Parish Library-Grand Lake Branch, 10200 Gulf Highway, Lake Charles, LA 70607
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- Calcasieu Parish Central Library, 301 W. Claude Street, Lake Charles, LA 70605

All comments on the draft EA should be submitted in writing by January 13, 2017 to Mr. Woods at the address, fax number, or e-mail listed above.

FOR FURTHER INFORMATION ON THE DOE NATIONAL ENVIRONMENTAL POLICY ACT (NEPA) PROCESS: Information on Department of Energy National Environmental Policy Act compliance and implementation is available from: The U.S. Department of Energy, Office of NEPA Policy and Compliance (GC-54), 1000 Independence Avenue, S.W., Washington, D.C. 20585-0119 or leave a message on their toll-free number: 1-800-472-2756; fax to: 202-586-7031; or e-mail them to: askNEPA@hq.doe.gov.

Castille, Barbara

From: Castille, Barbara
Sent: Monday, December 12, 2016 2:32 PM
To: 'thomas.harris@la.gov'
Cc: Adams, Gabriel (Gabriel.Adams@spr.doe.gov)
Subject: Notice of Availability, Draft Environmental Assessment, SPR West Hackberry Brine Disposal Pipeline Replacement Project
Attachments: WestHackberry_NoticeOfAvailability_DraftEnvironmentalAssessment_ToLADNR_OfficeOfConserv_THarris121216_FINAL.pdf

Mr. Harris—

The US Department of Energy (DOE) has prepared an Environmental Assessment (EA) for a project proposed to replace an existing, aging brine disposal pipeline with a new pipeline at the Strategic Petroleum Reserve (SPR), West Hackberry facility located in Cameron Parish, Louisiana (please see attached Notice of Availability of an Environmental Assessment).

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- <http://energy.gov/nepa/ea-2039-brine-disposal-pipeline-replacement-project-strategic-petroleum-reserve-west-hackberry>
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The draft EA review period will occur from Monday, December 12, 2016 through Friday, January 13, 2017.

Comments on the document should be sent by January 13, 2017 to Mr. Will Woods at Will.woods@spr.doe.gov, or by fax to (504) 818-5329, or by US Postal Service to Mr. Will Woods, Strategic Petroleum Reserve, FE-4441, 900 East Commerce Road, New Orleans, LA 70123.

Respectfully submitted,

Barbara

Barbara Castille

Manager, Environmental Planning

S&B Infrastructure, Ltd.

530 Wells Fargo Drive
Houston, Texas 77090
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To: Thomas Harris, Secretary, Louisiana Department of Natural Resources, Office of Conservation, PO Box 94275, Baton Rouge, LA 70804

Date: December 12, 2016

Project: West Hackberry Brine Disposal Pipeline Replacement Project

Agency: Department of Energy, Strategic Petroleum Reserve

Action: Notice of Availability of an Environmental Assessment

Summary: Notice is hereby given that the Department of Energy, Strategic Petroleum Reserve Project Management Office (DOE/SPRPMO) is issuing a draft Environmental Assessment (EA) in connection with potential impacts related to the replacement of an existing, aging brine disposal pipeline with a new pipeline at the West Hackberry facility in Cameron Parish, Louisiana. The proposed action would involve the installation of approximately 2.1 miles of 24-inch pipeline to replace the existing brine disposal pipeline which would remain in place but would be removed from service. The proposed pipeline would be installed using open cut trenching methods except at road crossings in which jack and bore techniques would be utilized as needed.

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Castille, Barbara

From: Castille, Barbara
Sent: Monday, December 12, 2016 10:55 AM
To: 'donald.haydel@la.gov'; 'jeff.harris@la.gov'
Cc: Adams, Gabriel (Gabriel.Adams@spr.doe.gov)
Subject: Notice of Availability, Draft Environmental Assessment, SPR West Hackberry Brine Disposal Pipeline Replacement Project
Attachments: WestHackberry_NoticeOfAvailability_DraftEnvironmentalAssessment_ToOCM_DHaydel_J Harris_121216_FINAL.pdf

Mr. Haydel and Mr. Harris—

The US Department of Energy (DOE) has prepared an Environmental Assessment (EA) for a project proposed to replace an existing, aging brine disposal pipeline with a new pipeline at the Strategic Petroleum Reserve (SPR), West Hackberry facility located in Cameron Parish, Louisiana (please see attached Notice of Availability of an Environmental Assessment).

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Respectfully submitted,

Barbara

Barbara Castille

Manager, Environmental Planning

S&B Infrastructure, Ltd.

530 Wells Fargo Drive
Houston, Texas 77090
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To: Donald Haydel, Jeff Harris, Louisiana Department of Natural Resources, Office of Coastal Management, Interagency Affairs & Field Services, PO Box 44487, Baton Rouge, LA 70804

Date: December 12, 2016

Project: West Hackberry Brine Disposal Pipeline Replacement Project

Agency: Department of Energy, Strategic Petroleum Reserve

Action: Notice of Availability of an Environmental Assessment

Summary: Notice is hereby given that the Department of Energy, Strategic Petroleum Reserve Project Management Office (DOE/SPRPMO) is issuing a draft Environmental Assessment (EA) in connection with potential impacts related to the replacement of an existing, aging brine disposal pipeline with a new pipeline at the West Hackberry facility in Cameron Parish, Louisiana. The proposed action would involve the installation of approximately 2.1 miles of 24-inch pipeline to replace the existing brine disposal pipeline which would remain in place but would be removed from service. The proposed pipeline would be installed using open cut trenching methods except at road crossings in which jack and bore techniques would be utilized as needed.

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Castille, Barbara

From: Castille, Barbara
Sent: Monday, December 12, 2016 10:56 AM
To: 'karl.morgan@la.gov'
Cc: Adams, Gabriel (Gabriel.Adams@spr.doe.gov)
Subject: Notice of Availability, Draft Environmental Assessment, SPR West Hackberry Brine Disposal Pipeline Replacement Project
Attachments: WestHackberry_NoticeOfAvailability_DraftEnvironmentalAssessment_ToOCM_KMorgan_121216_FINAL.pdf

Mr. Morgan—

The US Department of Energy (DOE) has prepared an Environmental Assessment (EA) for a project proposed to replace an existing, aging brine disposal pipeline with a new pipeline at the Strategic Petroleum Reserve (SPR), West Hackberry facility located in Cameron Parish, Louisiana (please see attached Notice of Availability of an Environmental Assessment).

The draft EA document has been posted to the following websites:

- energy.gov/node/2191870
- <http://energy.gov/nepa/ea-2039-brine-disposal-pipeline-replacement-project-strategic-petroleum-reserve-west-hackberry>
- <http://www.spr.doe.gov/esh/default.html>
- <http://www.spr.doe.gov/NEPA/default.htm>

The draft EA review period will occur from Monday, December 12, 2016 through Friday, January 13, 2017.

Comments on the document should be sent by January 13, 2017 to Mr. Will Woods at Will.woods@spr.doe.gov, or by fax to (504) 818-5329, or by US Postal Service to Mr. Will Woods, Strategic Petroleum Reserve, FE-4441, 900 East Commerce Road, New Orleans, LA 70123.

Respectfully submitted,

Barbara

Barbara Castille

Manager, Environmental Planning

S&B Infrastructure, Ltd.

530 Wells Fargo Drive
Houston, Texas 77090
Direct: (713) 845-5392
Main: (713) 845-5401
Cell: (281) 960-6421
bcastille@sbinfra.com

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To: Karl Morgan, Louisiana Department of Natural Resources, Office of Coastal Management, Permits and Mitigation Division, PO Box 44487, Baton Rouge, LA 70804

Date: December 12, 2016

Project: West Hackberry Brine Disposal Pipeline Replacement Project

Agency: Department of Energy, Strategic Petroleum Reserve

Action: Notice of Availability of an Environmental Assessment

Summary: Notice is hereby given that the Department of Energy, Strategic Petroleum Reserve Project Management Office (DOE/SPRPMO) is issuing a draft Environmental Assessment (EA) in connection with potential impacts related to the replacement of an existing, aging brine disposal pipeline with a new pipeline at the West Hackberry facility in Cameron Parish, Louisiana. The proposed action would involve the installation of approximately 2.1 miles of 24-inch pipeline to replace the existing brine disposal pipeline which would remain in place but would be removed from service. The proposed pipeline would be installed using open cut trenching methods except at road crossings in which jack and bore techniques would be utilized as needed.

Review

Period: The draft EA review period will occur from December 12, 2016 until January 13, 2017.

Websites: The draft EA will be available for review at the following websites:

- energy.gov/node/2191870
- <http://energy.gov/nepa/ea-2039-brine-disposal-pipeline-replacement-project-strategic-petroleum-reserve-west-hackberry>
- <http://www.spr.doe.gov/esh/default.html>
- <http://www.spr.doe.gov/NEPA/default.htm>

The public is invited to review and comment on the draft EA that has been prepared to analyze potential environmental consequences of the proposed project. The SPRPMO has prepared the draft EA in accordance with the requirements of the National Environmental Policy Act, the Council on Environmental Quality regulations implementing the National Environmental Policy Act (40 CFR 1500-1508), and the Department of Energy regulations for implementing the National Environmental Policy Act (10 CFR 1021). Requests for an electronic copy or hard copy should be mailed to: Draft Environmental Assessment, Mr. Will Woods, 900 East Commerce Road, Mail Stop FE-4441, New Orleans, LA 70123. Requests may also be submitted by fax to Mr. Woods at (504) 818-5329 or by e-mail to: Will.woods@spr.doe.gov.

Copies of the draft EA are available for public viewing at the following locations:

- Cameron Parish Library-Hackberry Branch, 983, Main Street, Hackberry, LA 70645
- Cameron Main Library, 501 Marshall Street, Cameron, LA 70631
- Cameron Parish Library-Grand Lake Branch, 10200 Gulf Highway, Lake Charles, LA 70607
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- Calcasieu Parish Central Library, 301 W. Claude Street, Lake Charles, LA 70605

All comments on the draft EA should be submitted in writing by January 13, 2017 to Mr. Woods at the address, fax number, or e-mail listed above.

FOR FURTHER INFORMATION ON THE DOE NATIONAL ENVIRONMENTAL POLICY ACT (NEPA) PROCESS: Information on Department of Energy National Environmental Policy Act compliance and implementation is available from: The U.S. Department of Energy, Office of NEPA Policy and Compliance (GC-54), 1000 Independence Avenue, S.W., Washington, D.C. 20585-0119 or leave a message on their toll-free number: 1-800-472-2756; fax to: 202-586-7031; or e-mail them to: askNEPA@hq.doe.gov.

Castille, Barbara

From: Castille, Barbara
Sent: Monday, December 12, 2016 2:31 PM
To: 'richard.leyoub@la.gov'; 'gary.snellgrove@la.gov'; 'mike.kline@la.gov'; 'steven.giambrone@la.gov'; 'jeff.wells@la.gov'; 'brad.bourgoyne@la.gov'
Cc: Adams, Gabriel (Gabriel.Adams@spr.doe.gov)
Subject: Notice of Availability, Draft Environmental Assessment, SPR West Hackberry Brine Disposal Pipeline Replacement Project
Attachments: WestHackberry_NoticeOfAvailability_DraftEnvironmentalAssessment_ToLADNR_OfficeOfConserv_121216_FINAL.pdf

Mr. leyoub, Mr. Snellgrove, Mr. Kline, Mr. Giambrone, Mr. Wells, Mr. Bourgoyne—

The US Department of Energy (DOE) has prepared an Environmental Assessment (EA) for a project proposed to replace an existing, aging brine disposal pipeline with a new pipeline at the Strategic Petroleum Reserve (SPR), West Hackberry facility located in Cameron Parish, Louisiana (please see attached Notice of Availability of an Environmental Assessment).

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Comments on the document should be sent by January 13, 2017 to Mr. Will Woods at Will.woods@spr.doe.gov, or by fax to (504) 818-5329, or by US Postal Service to Mr. Will Woods, Strategic Petroleum Reserve, FE-4441, 900 East Commerce Road, New Orleans, LA 70123.

Respectfully submitted,

Barbara

Barbara Castille

Manager, Environmental Planning

S&B Infrastructure, Ltd.

530 Wells Fargo Drive
Houston, Texas 77090
Direct: (713) 845-5392
Main: (713) 845-5401
Cell: (281) 960-6421
bcastille@sbinfra.com

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To: Richard Ieyoub, Gary Snellgrove, Mike Kline, Steven Giambrone, Jeff Wells, Brad Bourgoyne, Louisiana Department of Natural Resources, Office of Conservation, PO Box 94275, Baton Rouge, LA 70804

Date: December 12, 2016

Project: West Hackberry Brine Disposal Pipeline Replacement Project

Agency: Department of Energy, Strategic Petroleum Reserve

Action: Notice of Availability of an Environmental Assessment

Summary: Notice is hereby given that the Department of Energy, Strategic Petroleum Reserve Project Management Office (DOE/SPRPMO) is issuing a draft Environmental Assessment (EA) in connection with potential impacts related to the replacement of an existing, aging brine disposal pipeline with a new pipeline at the West Hackberry facility in Cameron Parish, Louisiana. The proposed action would involve the installation of approximately 2.1 miles of 24-inch pipeline to replace the existing brine disposal pipeline which would remain in place but would be removed from service. The proposed pipeline would be installed using open cut trenching methods except at road crossings in which jack and bore techniques would be utilized as needed.

Review

Period: The draft EA review period will occur from December 12, 2016 until January 13, 2017.

Websites: The draft EA will be available for review at the following websites:

- energy.gov/node/2191870
- <http://energy.gov/nepa/ea-2039-brine-disposal-pipeline-replacement-project-strategic-petroleum-reserve-west-hackberry>
- <http://www.spr.doe.gov/esh/default.html>
- <http://www.spr.doe.gov/NEPA/default.htm>

The public is invited to review and comment on the draft EA that has been prepared to analyze potential environmental consequences of the proposed project. The SPRPMO has prepared the draft EA in accordance with the requirements of the National Environmental Policy Act, the Council on Environmental Quality regulations implementing the National Environmental Policy Act (40 CFR 1500-1508), and the Department of Energy regulations for implementing the National Environmental Policy Act (10 CFR 1021). Requests for an electronic copy or hard copy should be mailed to: Draft Environmental Assessment, Mr. Will Woods, 900 East Commerce Road, Mail Stop FE-4441, New Orleans, LA 70123. Requests may also be submitted by fax to Mr. Woods at (504) 818-5329 or by e-mail to: Will.woods@spr.doe.gov.

Copies of the draft EA are available for public viewing at the following locations:

- Cameron Parish Library-Hackberry Branch, 983, Main Street, Hackberry, LA 70645
- Cameron Main Library, 501 Marshall Street, Cameron, LA 70631
- Cameron Parish Library-Grand Lake Branch, 10200 Gulf Highway, Lake Charles, LA 70607
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- Calcasieu Parish Central Library, 301 W. Claude Street, Lake Charles, LA 70605

All comments on the draft EA should be submitted in writing by January 13, 2017 to Mr. Woods at the address, fax number, or e-mail listed above.

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Castille, Barbara

From: Castille, Barbara
Sent: Monday, December 12, 2016 3:59 PM
To: 'kkirby@wlf.la.gov'
Cc: Adams, Gabriel (Gabriel.Adams@spr.doe.gov)
Subject: Notice of Availability, Draft Environmental Assessment, SPR West Hackberry Brine Disposal Pipeline Replacement Project
Attachments: WestHackberry_NoticeOfAvailability_DraftEnvironmentalAssessment_ToLAWLF_CMelancon_121216_FINAL.pdf

[To Kayla Kirby for Charlie Melancon]

Mr. Melancon—

The US Department of Energy (DOE) has prepared an Environmental Assessment (EA) for a project proposed to replace an existing, aging brine disposal pipeline with a new pipeline at the Strategic Petroleum Reserve (SPR), West Hackberry facility located in Cameron Parish, Louisiana (please see attached Notice of Availability of an Environmental Assessment).

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- <http://energy.gov/nepa/ea-2039-brine-disposal-pipeline-replacement-project-strategic-petroleum-reserve-west-hackberry>
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The draft EA review period will occur from Monday, December 12, 2016 through Friday, January 13, 2017.

Comments on the document should be sent by January 13, 2017 to Mr. Will Woods at Will.woods@spr.doe.gov, or by fax to (504) 818-5329, or by US Postal Service to Mr. Will Woods, Strategic Petroleum Reserve, FE-4441, 900 East Commerce Road, New Orleans, LA 70123.

Respectfully submitted,

Barbara

Barbara Castille

Manager, Environmental Planning

S&B Infrastructure, Ltd.

530 Wells Fargo Drive
Houston, Texas 77090
Direct: (713) 845-5392
Main: (713) 845-5401
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bcastille@sbinfra.com

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To: Charlie Melancon, Secretary, Louisiana Department of Wildlife and Fisheries, PO Box 98000, Baton Rouge, LA 70898

Date: December 12, 2016

Project: West Hackberry Brine Disposal Pipeline Replacement Project

Agency: Department of Energy, Strategic Petroleum Reserve

Action: Notice of Availability of an Environmental Assessment

Summary: Notice is hereby given that the Department of Energy, Strategic Petroleum Reserve Project Management Office (DOE/SPRPMO) is issuing a draft Environmental Assessment (EA) in connection with potential impacts related to the replacement of an existing, aging brine disposal pipeline with a new pipeline at the West Hackberry facility in Cameron Parish, Louisiana. The proposed action would involve the installation of approximately 2.1 miles of 24-inch pipeline to replace the existing brine disposal pipeline which would remain in place but would be removed from service. The proposed pipeline would be installed using open cut trenching methods except at road crossings in which jack and bore techniques would be utilized as needed.

Review

Period: The draft EA review period will occur from December 12, 2016 until January 13, 2017.

Websites: The draft EA will be available for review at the following websites:

- energy.gov/node/2191870
- <http://energy.gov/nepa/ea-2039-brine-disposal-pipeline-replacement-project-strategic-petroleum-reserve-west-hackberry>
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- <http://www.spr.doe.gov/NEPA/default.htm>

The public is invited to review and comment on the draft EA that has been prepared to analyze potential environmental consequences of the proposed project. The SPRPMO has prepared the draft EA in accordance with the requirements of the National Environmental Policy Act, the Council on Environmental Quality regulations implementing the National Environmental Policy Act (40 CFR 1500-1508), and the Department of Energy regulations for implementing the National Environmental Policy Act (10 CFR 1021). Requests for an electronic copy or hard copy should be mailed to: Draft Environmental Assessment, Mr. Will Woods, 900 East Commerce Road, Mail Stop FE-4441, New Orleans, LA 70123. Requests may also be submitted by fax to Mr. Woods at (504) 818-5329 or by e-mail to: Will.woods@spr.doe.gov.

Copies of the draft EA are available for public viewing at the following locations:

- Cameron Parish Library-Hackberry Branch, 983, Main Street, Hackberry, LA 70645
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- Cameron Parish Library-Grand Lake Branch, 10200 Gulf Highway, Lake Charles, LA 70607
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- Calcasieu Parish Central Library, 301 W. Claude Street, Lake Charles, LA 70605

All comments on the draft EA should be submitted in writing by January 13, 2017 to Mr. Woods at the address, fax number, or e-mail listed above.

FOR FURTHER INFORMATION ON THE DOE NATIONAL ENVIRONMENTAL POLICY ACT (NEPA) PROCESS: Information on Department of Energy National Environmental Policy Act compliance and implementation is available from: The U.S. Department of Energy, Office of NEPA Policy and Compliance (GC-54), 1000 Independence Avenue, S.W., Washington, D.C. 20585-0119 or leave a message on their toll-free number: 1-800-472-2756; fax to: 202-586-7031; or e-mail them to: askNEPA@hq.doe.gov.

Castille, Barbara

From: Castille, Barbara
Sent: Monday, December 12, 2016 4:09 PM
To: 'abass@wlf.la.gov'; 'klandry@wlf.la.gov'; 'cmichon@wlf.la.gov'
Cc: Adams, Gabriel (Gabriel.Adams@spr.doe.gov)
Subject: Notice of Availability, Draft Environmental Assessment, SPR West Hackberry Brine Disposal Pipeline Replacement Project
Attachments: WestHackberry_NoticeOfAvailability_DraftEnvironmentalAssessment_ToLANaturalHeritage_121216_FINAL.pdf

Ms. Bass, Ms. Landry, Ms. Michon—

The US Department of Energy (DOE) has prepared an Environmental Assessment (EA) for a project proposed to replace an existing, aging brine disposal pipeline with a new pipeline at the Strategic Petroleum Reserve (SPR), West Hackberry facility located in Cameron Parish, Louisiana (please see attached Notice of Availability of an Environmental Assessment).

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The draft EA review period will occur from Monday, December 12, 2016 through Friday, January 13, 2017.

Comments on the document should be sent by January 13, 2017 to Mr. Will Woods at Will.woods@spr.doe.gov, or by fax to (504) 818-5329, or by US Postal Service to Mr. Will Woods, Strategic Petroleum Reserve, FE-4441, 900 East Commerce Road, New Orleans, LA 70123.

Respectfully submitted,

Barbara

Barbara Castille

Manager, Environmental Planning

S&B Infrastructure, Ltd.

530 Wells Fargo Drive
Houston, Texas 77090
Direct: (713) 845-5392
Main: (713) 845-5401
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To: Amity Bass, Keri Landry, Carolyn Michon, Louisiana Department of Wildlife and Fisheries, Natural Heritage Program, PO Box 98000, Baton Rouge, LA 70898

Date: December 12, 2016

Project: West Hackberry Brine Disposal Pipeline Replacement Project

Agency: Department of Energy, Strategic Petroleum Reserve

Action: Notice of Availability of an Environmental Assessment

Summary: Notice is hereby given that the Department of Energy, Strategic Petroleum Reserve Project Management Office (DOE/SPRPMO) is issuing a draft Environmental Assessment (EA) in connection with potential impacts related to the replacement of an existing, aging brine disposal pipeline with a new pipeline at the West Hackberry facility in Cameron Parish, Louisiana. The proposed action would involve the installation of approximately 2.1 miles of 24-inch pipeline to replace the existing brine disposal pipeline which would remain in place but would be removed from service. The proposed pipeline would be installed using open cut trenching methods except at road crossings in which jack and bore techniques would be utilized as needed.

Review

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The public is invited to review and comment on the draft EA that has been prepared to analyze potential environmental consequences of the proposed project. The SPRPMO has prepared the draft EA in accordance with the requirements of the National Environmental Policy Act, the Council on Environmental Quality regulations implementing the National Environmental Policy Act (40 CFR 1500-1508), and the Department of Energy regulations for implementing the National Environmental Policy Act (10 CFR 1021). Requests for an electronic copy or hard copy should be mailed to: Draft Environmental Assessment, Mr. Will Woods, 900 East Commerce Road, Mail Stop FE-4441, New Orleans, LA 70123. Requests may also be submitted by fax to Mr. Woods at (504) 818-5329 or by e-mail to: Will.woods@spr.doe.gov.

Copies of the draft EA are available for public viewing at the following locations:

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- Calcasieu Parish Central Library, 301 W. Claude Street, Lake Charles, LA 70605

All comments on the draft EA should be submitted in writing by January 13, 2017 to Mr. Woods at the address, fax number, or e-mail listed above.

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Castille, Barbara

From: Castille, Barbara
Sent: Monday, December 12, 2016 4:19 PM
To: 'DEQ-WWWOfficeoftheSecretaryContact@la.gov'
Cc: Adams, Gabriel (Gabriel.Adams@spr.doe.gov)
Subject: Notice of Availability, Draft Environmental Assessment, SPR West Hackberry Brine Disposal Pipeline Replacement Project
Attachments: WestHackberry_NoticeOfAvailability_DraftEnvironmentalAssessment_ToDEQ_CCarrBrown_121216_FINAL.pdf

Mr. Brown—

The US Department of Energy (DOE) has prepared an Environmental Assessment (EA) for a project proposed to replace an existing, aging brine disposal pipeline with a new pipeline at the Strategic Petroleum Reserve (SPR), West Hackberry facility located in Cameron Parish, Louisiana (please see attached Notice of Availability of an Environmental Assessment).

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Respectfully submitted,

Barbara

Barbara Castille

Manager, Environmental Planning

S&B Infrastructure, Ltd.

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To: Chuck Carr Brown, PhD, Secretary, Louisiana Department of Environmental Quality, PO Box 4301, Baton Rouge, LA 70821

Date: December 12, 2016

Project: West Hackberry Brine Disposal Pipeline Replacement Project

Agency: Department of Energy, Strategic Petroleum Reserve

Action: Notice of Availability of an Environmental Assessment

Summary: Notice is hereby given that the Department of Energy, Strategic Petroleum Reserve Project Management Office (DOE/SPRPMO) is issuing a draft Environmental Assessment (EA) in connection with potential impacts related to the replacement of an existing, aging brine disposal pipeline with a new pipeline at the West Hackberry facility in Cameron Parish, Louisiana. The proposed action would involve the installation of approximately 2.1 miles of 24-inch pipeline to replace the existing brine disposal pipeline which would remain in place but would be removed from service. The proposed pipeline would be installed using open cut trenching methods except at road crossings in which jack and bore techniques would be utilized as needed.

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- Calcasieu Parish Central Library, 301 W. Claude Street, Lake Charles, LA 70605

All comments on the draft EA should be submitted in writing by January 13, 2017 to Mr. Woods at the address, fax number, or e-mail listed above.

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Castille, Barbara

From: Castille, Barbara
Sent: Monday, December 12, 2016 5:00 PM
To: 'linda.hardy@la.gov'
Cc: Adams, Gabriel (Gabriel.Adams@spr.doe.gov)
Subject: Notice of Availability, Draft Environmental Assessment, SPR West Hackberry Brine Disposal Pipeline Replacement Project
Attachments: WestHackberry_NoticeOfAvailability_DraftEnvironmentalAssessment_ToDEQ_LHardy_121216_FINAL.pdf

Ms. Hardy—

The US Department of Energy (DOE) has prepared an Environmental Assessment (EA) for a project proposed to replace an existing, aging brine disposal pipeline with a new pipeline at the Strategic Petroleum Reserve (SPR), West Hackberry facility located in Cameron Parish, Louisiana (please see attached Notice of Availability of an Environmental Assessment).

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- <http://www.spr.doe.gov/esh/default.html>
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Respectfully submitted,

Barbara

Barbara Castille

Manager, Environmental Planning

S&B Infrastructure, Ltd.

530 Wells Fargo Drive
Houston, Texas 77090
Direct: (713) 845-5392
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To: Linda M. Hardy, Office of the Secretary, Louisiana Department of Environmental Quality, PO Box 4301, Baton Rouge, LA 70821

Date: December 12, 2016

Project: West Hackberry Brine Disposal Pipeline Replacement Project

Agency: Department of Energy, Strategic Petroleum Reserve

Action: Notice of Availability of an Environmental Assessment

Summary: Notice is hereby given that the Department of Energy, Strategic Petroleum Reserve Project Management Office (DOE/SPRPMO) is issuing a draft Environmental Assessment (EA) in connection with potential impacts related to the replacement of an existing, aging brine disposal pipeline with a new pipeline at the West Hackberry facility in Cameron Parish, Louisiana. The proposed action would involve the installation of approximately 2.1 miles of 24-inch pipeline to replace the existing brine disposal pipeline which would remain in place but would be removed from service. The proposed pipeline would be installed using open cut trenching methods except at road crossings in which jack and bore techniques would be utilized as needed.

Review

Period: The draft EA review period will occur from December 12, 2016 until January 13, 2017.

Websites: The draft EA will be available for review at the following websites:

- energy.gov/node/2191870
- <http://energy.gov/nepa/ea-2039-brine-disposal-pipeline-replacement-project-strategic-petroleum-reserve-west-hackberry>
- <http://www.spr.doe.gov/esh/default.html>
- <http://www.spr.doe.gov/NEPA/default.htm>

The public is invited to review and comment on the draft EA that has been prepared to analyze potential environmental consequences of the proposed project. The SPRPMO has prepared the draft EA in accordance with the requirements of the National Environmental Policy Act, the Council on Environmental Quality regulations implementing the National Environmental Policy Act (40 CFR 1500-1508), and the Department of Energy regulations for implementing the National Environmental Policy Act (10 CFR 1021). Requests for an electronic copy or hard copy should be mailed to: Draft Environmental Assessment, Mr. Will Woods, 900 East Commerce Road, Mail Stop FE-4441, New Orleans, LA 70123. Requests may also be submitted by fax to Mr. Woods at (504) 818-5329 or by e-mail to: Will.woods@spr.doe.gov.

Copies of the draft EA are available for public viewing at the following locations:

- Cameron Parish Library-Hackberry Branch, 983, Main Street, Hackberry, LA 70645
- Cameron Main Library, 501 Marshall Street, Cameron, LA 70631
- Cameron Parish Library-Grand Lake Branch, 10200 Gulf Highway, Lake Charles, LA 70607
- Sulphur Regional Library, 1160 Cypress Street, Sulphur, LA 70663
- Calcasieu Parish Central Library, 301 W. Claude Street, Lake Charles, LA 70605

All comments on the draft EA should be submitted in writing by January 13, 2017 to Mr. Woods at the address, fax number, or e-mail listed above.

FOR FURTHER INFORMATION ON THE DOE NATIONAL ENVIRONMENTAL POLICY ACT (NEPA) PROCESS: Information on Department of Energy National Environmental Policy Act compliance and implementation is available from: The U.S. Department of Energy, Office of NEPA Policy and Compliance (GC-54), 1000 Independence Avenue, S.W., Washington, D.C. 20585-0119 or leave a message on their toll-free number: 1-800-472-2756; fax to: 202-586-7031; or e-mail them to: askNEPA@hq.doe.gov.

Castille, Barbara

From: Castille, Barbara
Sent: Monday, December 12, 2016 9:47 AM
To: adam.cox@la.gov
Cc: Adams, Gabriel (Gabriel.Adams@spr.doe.gov)
Subject: Notice of Availability, Draft Environmental Assessment, SPR West Hackberry Brine Disposal Pipeline Replacement Project
Attachments: WestHackberry_NoticeOfAvailability_DraftEnvironmentalAssessment_ToOfficeOfStateLands_121216_FINAL.pdf

Mr. Cox—

The US Department of Energy (DOE) has prepared an Environmental Assessment (EA) for a project proposed to replace an existing, aging brine disposal pipeline with a new pipeline at the Strategic Petroleum Reserve (SPR), West Hackberry facility located in Cameron Parish, Louisiana (please see attached Notice of Availability of an Environmental Assessment).

The draft EA document has been posted to the following websites:

- energy.gov/node/2191870
- <http://energy.gov/nepa/ea-2039-brine-disposal-pipeline-replacement-project-strategic-petroleum-reserve-west-hackberry>
- <http://www.spr.doe.gov/esh/default.html>
- <http://www.spr.doe.gov/NEPA/default.htm>

The draft EA review period will occur from Monday, December 12, 2016 through Friday, January 13, 2017.

Comments on the document should be sent by January 13, 2017 to Mr. Will Woods at Will.woods@spr.doe.gov, or by fax to (504) 818-5329, or by US Postal Service to Mr. Will Woods, Strategic Petroleum Reserve, FE-4441, 900 East Commerce Road, New Orleans, LA 70123.

Respectfully submitted,

Barbara

Barbara Castille

Manager, Environmental Planning

S&B Infrastructure, Ltd.

530 Wells Fargo Drive
Houston, Texas 77090
Direct: (713) 845-5392
Main: (713) 845-5401
Cell: (281) 960-6421
bcastille@sbinfra.com

This e-mail, including any attached files, may contain confidential and privileged information. Any review, use, distribution or disclosure of included information by unintended recipients is strictly prohibited. If you are not a named recipient or authorized to receive and/or act on information sent to a named recipient, or have reason to believe you are not or should not be one of the named recipients, please notify sender accordingly by reply e-mail and delete all copies of this message prior to forwarding, copying or otherwise reproducing this message or attachments thereto. Thank you.

To: Adam Cox, Office of State Lands, PO Box 44124, Baton Rouge, LA 70704

Date: December 12, 2016

Project: West Hackberry Brine Disposal Pipeline Replacement Project

Agency: Department of Energy, Strategic Petroleum Reserve

Action: Notice of Availability of an Environmental Assessment

Summary: Notice is hereby given that the Department of Energy, Strategic Petroleum Reserve Project Management Office (DOE/SPRPMO) is issuing a draft Environmental Assessment (EA) in connection with potential impacts related to the replacement of an existing, aging brine disposal pipeline with a new pipeline at the West Hackberry facility in Cameron Parish, Louisiana. The proposed action would involve the installation of approximately 2.1 miles of 24-inch pipeline to replace the existing brine disposal pipeline which would remain in place but would be removed from service. The proposed pipeline would be installed using open cut trenching methods except at road crossings in which jack and bore techniques would be utilized as needed.

Review

Period: The draft EA review period will occur from December 12, 2016 until January 13, 2017.

Websites: The draft EA will be available for review at the following websites:

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- <http://energy.gov/nepa/ea-2039-brine-disposal-pipeline-replacement-project-strategic-petroleum-reserve-west-hackberry>
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- <http://www.spr.doe.gov/NEPA/default.htm>

The public is invited to review and comment on the draft EA that has been prepared to analyze potential environmental consequences of the proposed project. The SPRPMO has prepared the draft EA in accordance with the requirements of the National Environmental Policy Act, the Council on Environmental Quality regulations implementing the National Environmental Policy Act (40 CFR 1500-1508), and the Department of Energy regulations for implementing the National Environmental Policy Act (10 CFR 1021). Requests for an electronic copy or hard copy should be mailed to: Draft Environmental Assessment, Mr. Will Woods, 900 East Commerce Road, Mail Stop FE-4441, New Orleans, LA 70123. Requests may also be submitted by fax to Mr. Woods at (504) 818-5329 or by e-mail to: Will.woods@spr.doe.gov.

Copies of the draft EA are available for public viewing at the following locations:

- Cameron Parish Library-Hackberry Branch, 983, Main Street, Hackberry, LA 70645
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- Cameron Parish Library-Grand Lake Branch, 10200 Gulf Highway, Lake Charles, LA 70607
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- Calcasieu Parish Central Library, 301 W. Claude Street, Lake Charles, LA 70605

All comments on the draft EA should be submitted in writing by January 13, 2017 to Mr. Woods at the address, fax number, or e-mail listed above.

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Castille, Barbara

From: Castille, Barbara
Sent: Monday, December 12, 2016 3:07 PM
To: Jennifer.Rachal@la.gov
Cc: Adams, Gabriel (Gabriel.Adams@spr.doe.gov)
Subject: Notice of Availability, Draft Environmental Assessment, SPR West Hackberry Brine Disposal Pipeline Replacement Project
Attachments: WestHackberry_NoticeOfAvailability_DraftEnvironmentalAssessment_ToFloodplain_JRachal_121216_FINAL.pdf

Ms. Rachal —

The US Department of Energy (DOE) has prepared an Environmental Assessment (EA) for a project proposed to replace an existing, aging brine disposal pipeline with a new pipeline at the Strategic Petroleum Reserve (SPR), West Hackberry facility located in Cameron Parish, Louisiana (please see attached Notice of Availability of an Environmental Assessment).

The draft EA document has been posted to the following websites:

- energy.gov/node/2191870
- <http://energy.gov/nepa/ea-2039-brine-disposal-pipeline-replacement-project-strategic-petroleum-reserve-west-hackberry>
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- <http://www.spr.doe.gov/NEPA/default.htm>

The draft EA review period will occur from Monday, December 12, 2016 through Friday, January 13, 2017.

Comments on the document should be sent by January 13, 2017 to Mr. Will Woods at Will.woods@spr.doe.gov, or by fax to (504) 818-5329, or by US Postal Service to Mr. Will Woods, Strategic Petroleum Reserve, FE-4441, 900 East Commerce Road, New Orleans, LA 70123.

Respectfully submitted,

Barbara

Barbara Castille

Manager, Environmental Planning

S&B Infrastructure, Ltd.

530 Wells Fargo Drive
Houston, Texas 77090
Direct: (713) 845-5392
Main: (713) 845-5401
Cell: (281) 960-6421
bcastille@sbinfra.com

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To: Jennifer D. Rachal, National Flood Insurance Program Coordinator, Floodplain Management Program, Louisiana Department of Transportation and Development, PO Box 94245, Baton Rouge, LA 70804

Date: December 12, 2016

Project: West Hackberry Brine Disposal Pipeline Replacement Project

Agency: Department of Energy, Strategic Petroleum Reserve

Action: Notice of Availability of an Environmental Assessment

Summary: Notice is hereby given that the Department of Energy, Strategic Petroleum Reserve Project Management Office (DOE/SPRPMO) is issuing a draft Environmental Assessment (EA) in connection with potential impacts related to the replacement of an existing, aging brine disposal pipeline with a new pipeline at the West Hackberry facility in Cameron Parish, Louisiana. The proposed action would involve the installation of approximately 2.1 miles of 24-inch pipeline to replace the existing brine disposal pipeline which would remain in place but would be removed from service. The proposed pipeline would be installed using open cut trenching methods except at road crossings in which jack and bore techniques would be utilized as needed.

Review

Period: The draft EA review period will occur from December 12, 2016 until January 13, 2017.

Websites: The draft EA will be available for review at the following websites:

- energy.gov/node/2191870
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- <http://www.spr.doe.gov/esh/default.html>
- <http://www.spr.doe.gov/NEPA/default.htm>

The public is invited to review and comment on the draft EA that has been prepared to analyze potential environmental consequences of the proposed project. The SPRPMO has prepared the draft EA in accordance with the requirements of the National Environmental Policy Act, the Council on Environmental Quality regulations implementing the National Environmental Policy Act (40 CFR 1500-1508), and the Department of Energy regulations for implementing the National Environmental Policy Act (10 CFR 1021). Requests for an electronic copy or hard copy should be mailed to: Draft Environmental Assessment, Mr. Will Woods, 900 East Commerce Road, Mail Stop FE-4441, New Orleans, LA 70123. Requests may also be submitted by fax to Mr. Woods at (504) 818-5329 or by e-mail to: Will.woods@spr.doe.gov.

Copies of the draft EA are available for public viewing at the following locations:

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- Cameron Parish Library-Grand Lake Branch, 10200 Gulf Highway, Lake Charles, LA 70607
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- Calcasieu Parish Central Library, 301 W. Claude Street, Lake Charles, LA 70605

All comments on the draft EA should be submitted in writing by January 13, 2017 to Mr. Woods at the address, fax number, or e-mail listed above.

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Castille, Barbara

From: Castille, Barbara
Sent: Monday, December 12, 2016 3:29 PM
To: 'mh_cppj@camtel.net'; 'kb_cppj@camtel.net'
Cc: Adams, Gabriel (Gabriel.Adams@spr.doe.gov)
Subject: Notice of Availability, Draft Environmental Assessment, SPR West Hackberry Brine Disposal Pipeline Replacement Project
Attachments: WestHackberry_NoticeOfAvailability_DraftEnvironmentalAssessment_ToCameronParishP ermitting_121216_FINAL.pdf

Mr. Hebert and Ms. Bonsall—

The US Department of Energy (DOE) has prepared an Environmental Assessment (EA) for a project proposed to replace an existing, aging brine disposal pipeline with a new pipeline at the Strategic Petroleum Reserve (SPR), West Hackberry facility located in Cameron Parish, Louisiana (please see attached Notice of Availability of an Environmental Assessment).

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- <http://energy.gov/nepa/ea-2039-brine-disposal-pipeline-replacement-project-strategic-petroleum-reserve-west-hackberry>
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Comments on the document should be sent by January 13, 2017 to Mr. Will Woods at Will.woods@spr.doe.gov, or by fax to (504) 818-5329, or by US Postal Service to Mr. Will Woods, Strategic Petroleum Reserve, FE-4441, 900 East Commerce Road, New Orleans, LA 70123.

Respectfully submitted,

Barbara

Barbara Castille

Manager, Environmental Planning

S&B Infrastructure, Ltd.

530 Wells Fargo Drive
Houston, Texas 77090
Direct: (713) 845-5392
Main: (713) 845-5401
Cell: (281) 960-6421
bcastille@sbinfra.com

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To: Myles Hebert, Floodplain Administrator, and Kara Bonsall, Coastal Zone Administrator, Permitting Department, Cameron Parish, PO Box 1280, Cameron, LA 70631

Date: December 12, 2016

Project: West Hackberry Brine Disposal Pipeline Replacement Project

Agency: Department of Energy, Strategic Petroleum Reserve

Action: Notice of Availability of an Environmental Assessment

Summary: Notice is hereby given that the Department of Energy, Strategic Petroleum Reserve Project Management Office (DOE/SPRPMO) is issuing a draft Environmental Assessment (EA) in connection with potential impacts related to the replacement of an existing, aging brine disposal pipeline with a new pipeline at the West Hackberry facility in Cameron Parish, Louisiana. The proposed action would involve the installation of approximately 2.1 miles of 24-inch pipeline to replace the existing brine disposal pipeline which would remain in place but would be removed from service. The proposed pipeline would be installed using open cut trenching methods except at road crossings in which jack and bore techniques would be utilized as needed.

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The public is invited to review and comment on the draft EA that has been prepared to analyze potential environmental consequences of the proposed project. The SPRPMO has prepared the draft EA in accordance with the requirements of the National Environmental Policy Act, the Council on Environmental Quality regulations implementing the National Environmental Policy Act (40 CFR 1500-1508), and the Department of Energy regulations for implementing the National Environmental Policy Act (10 CFR 1021). Requests for an electronic copy or hard copy should be mailed to: Draft Environmental Assessment, Mr. Will Woods, 900 East Commerce Road, Mail Stop FE-4441, New Orleans, LA 70123. Requests may also be submitted by fax to Mr. Woods at (504) 818-5329 or by e-mail to: Will.woods@spr.doe.gov.

Copies of the draft EA are available for public viewing at the following locations:

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- Calcasieu Parish Central Library, 301 W. Claude Street, Lake Charles, LA 70605

All comments on the draft EA should be submitted in writing by January 13, 2017 to Mr. Woods at the address, fax number, or e-mail listed above.

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Castille, Barbara

From: Castille, Barbara
Sent: Monday, December 12, 2016 3:29 PM
To: 'dsanner@hilcorp.com'
Cc: Adams, Gabriel (Gabriel.Adams@spr.doe.gov)
Subject: Notice of Availability, Draft Environmental Assessment, SPR West Hackberry Brine Disposal Pipeline Replacement Project
Attachments: WestHackberry_NoticeOfAvailability_DraftEnvironmentalAssessment_ToCameronParishParks_121216_FINAL.pdf

Mr. Sanner—

The US Department of Energy (DOE) has prepared an Environmental Assessment (EA) for a project proposed to replace an existing, aging brine disposal pipeline with a new pipeline at the Strategic Petroleum Reserve (SPR), West Hackberry facility located in Cameron Parish, Louisiana (please see attached Notice of Availability of an Environmental Assessment).

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Respectfully submitted,

Barbara

Barbara Castille

Manager, Environmental Planning

S&B Infrastructure, Ltd.

530 Wells Fargo Drive
Houston, Texas 77090
Direct: (713) 845-5392
Main: (713) 845-5401
Cell: (281) 960-6421
bcastille@sbinfra.com

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To: Dwayne Sanner, Director, Parks and Recreation Department, Hackberry Recreation District, Cameron Parish, 1095 Poncho Sanner Lane, Hackberry, LA 70645

Date: December 12, 2016

Project: West Hackberry Brine Disposal Pipeline Replacement Project

Agency: Department of Energy, Strategic Petroleum Reserve

Action: Notice of Availability of an Environmental Assessment

Summary: Notice is hereby given that the Department of Energy, Strategic Petroleum Reserve Project Management Office (DOE/SPRPMO) is issuing a draft Environmental Assessment (EA) in connection with potential impacts related to the replacement of an existing, aging brine disposal pipeline with a new pipeline at the West Hackberry facility in Cameron Parish, Louisiana. The proposed action would involve the installation of approximately 2.1 miles of 24-inch pipeline to replace the existing brine disposal pipeline which would remain in place but would be removed from service. The proposed pipeline would be installed using open cut trenching methods except at road crossings in which jack and bore techniques would be utilized as needed.

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- Calcasieu Parish Central Library, 301 W. Claude Street, Lake Charles, LA 70605

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APPENDIX C

**AGENCY INFORMATION AND
CORRESPONDENCE**

**Adjacent Property Owners Cover Letters for the Proposed West Hackberry Brine Disposal
Pipeline Project Notice of Availability of an Environmental Assessment and
Public Review Period (December 12, 2016)**



Department of Energy
Strategic Petroleum Reserve Project Management Office
900 Commerce East
New Orleans, LA 70123
December 12, 2016

Judd Addison or Current Resident
165 Johnny Benoit Rd.
Hackberry, LA 70645

Dear Mr. Addison,

Please find enclosed a copy of the notice for Public Review being placed into local newspapers in your area. This notice applies to the proposed Brine Disposal Pipeline Replacement Project associated with the West Hackberry SPR site. You have been selected to receive a direct notice since your property was noted in the review as having a proximity to the installation project.

Thank you for your time and consideration in this matter.

Attachments: 2



Department of Energy
Strategic Petroleum Reserve Project Management Office
900 Commerce East
New Orleans, LA 70123
December 12, 2016

Ms. Kristen D Brown or Current Resident
170 Johnny Benoit Rd.
Hackberry, LA 70645

Dear Ms. Brown,

Please find enclosed a copy of the notice for Public Review being placed into local newspapers in your area. This notice applies to the proposed Brine Disposal Pipeline Replacement Project associated with the West Hackberry SPR site. You have been selected to receive a direct notice since your property was noted in the review as having a proximity to the installation project.

Thank you for your time and consideration in this matter.

Attachments: 2



Department of Energy
Strategic Petroleum Reserve Project Management Office
900 Commerce East
New Orleans, LA 70123
December 12, 2016

Bethany O Richard or Current Resident
192 Johnny Benoit Rd.
Hackberry, LA 70645

Dear Ms. Richard,

Please find enclosed a copy of the notice for Public Review being placed into local newspapers in your area. This notice applies to the proposed Brine Disposal Pipeline Replacement Project associated with the West Hackberry SPR site. You have been selected to receive a direct notice since your property was noted in the review as having a proximity to the installation project.

Thank you for your time and consideration in this matter.

Attachments: 2



Department of Energy
Strategic Petroleum Reserve Project Management Office
900 Commerce East
New Orleans, LA 70123
December 12, 2016

Ronald Richard or Current Resident
190 Johnny Benoit Rd.
Hackberry, LA 70645

Dear Mr. Richard,

Please find enclosed a copy of the notice for Public Review being placed into local newspapers in your area. This notice applies to the proposed Brine Disposal Pipeline Replacement Project associated with the West Hackberry SPR site. You have been selected to receive a direct notice since your property was noted in the review as having a proximity to the installation project.

Thank you for your time and consideration in this matter.

Attachments: 2



Department of Energy
Strategic Petroleum Reserve Project Management Office
900 Commerce East
New Orleans, LA 70123
December 12, 2016

James K. Brown or Current Resident
620 W. Main St.
Hackberry, LA 70645

Dear Mr. Brown,

Please find enclosed a copy of the notice for Public Review being placed into local newspapers in your area. This notice applies to the proposed Brine Disposal Pipeline Replacement Project associated with the West Hackberry SPR site. You have been selected to receive a direct notice since your property was noted in the review as having a proximity to the installation project.

Thank you for your time and consideration in this matter.

Attachments: 2



Department of Energy
Strategic Petroleum Reserve Project Management Office
900 Commerce East
New Orleans, LA 70123
December 12, 2016

Arthur Seay or Current Resident
223 Johnny Benoit Rd.
Hackberry, LA 70645

Dear Mr. Seay,

Please find enclosed a copy of the notice for Public Review being placed into local newspapers in your area. This notice applies to the proposed Brine Disposal Pipeline Replacement Project associated with the West Hackberry SPR site. You have been selected to receive a direct notice since your property was noted in the review as having a proximity to the installation project.

Thank you for your time and consideration in this matter.

Attachments: 2



Department of Energy
Strategic Petroleum Reserve Project Management Office
900 Commerce East
New Orleans, LA 70123
December 12, 2016

Mr. Carl P Johnson, Sr.
895 Johnson Lane.
Hackberry, LA 70645

Dear Mr. Lane,

Please find enclosed a copy of the notice for Public Review being placed into local newspapers in your area. This notice applies to the proposed Brine Disposal Pipeline Replacement Project associated with the West Hackberry SPR site. You have been selected to receive a direct notice since your property was noted in the review as having a proximity to the installation project.

Thank you for your time and consideration in this matter.

Attachments: 2



Department of Energy
Strategic Petroleum Reserve Project Management Office
900 Commerce East
New Orleans, LA 70123
December 12, 2016

Kirk Sanner or Current Resident
131 Maggie Hebert Rd.
Hackberry, LA 70645

Dear Mr. Sanner,

Please find enclosed a copy of the notice for Public Review being placed into local newspapers in your area. This notice applies to the proposed Brine Disposal Pipeline Replacement Project associated with the West Hackberry SPR site. You have been selected to receive a direct notice since your property was noted in the review as having a proximity to the installation project.

Thank you for your time and consideration in this matter.

Attachments: 2



Department of Energy
Strategic Petroleum Reserve Project Management Office
900 Commerce East
New Orleans, LA 70123
December 12, 2016

Mr. Terry Hebert or Current Resident
226 Maggie Hebert Rd.
Hackberry, LA 70645

Dear Mr. Hebert,

Please find enclosed a copy of the notice for Public Review being placed into local newspapers in your area. This notice applies to the proposed Brine Disposal Pipeline Replacement Project associated with the West Hackberry SPR site. You have been selected to receive a direct notice since your property was noted in the review as having a proximity to the installation project.

Thank you for your time and consideration in this matter.

Attachments: 2

APPENDIX C
AGENCY INFORMATION AND
CORRESPONDENCE

Agency/Public Comments and Comment/Response Summary

Castille, Barbara

From: Martinez, Eli <martinez.eli@epa.gov>
Sent: Thursday, December 15, 2016 4:45 PM
To: Castille, Barbara
Cc: Houston, Robert
Subject: Notice of Availability, Draft Environmental Assessment, SPR West Hackberry Brine Disposal Pipeline Replacement Project
Attachments: Sign Letter Brine Disposal Pipeline Replacement Project.pdf

Ms. Castille-

Attached please find the response to the correspondence below, regarding the project title: Environmental Assessment, SPR West Hackberry Brine Disposal Pipeline Replacement Project. The hard copy of this response was mailed to you today.

Eli Martinez
US EPA Region 6 (6EN-XP)
Compliance Assurance and Enforcement Division
1445 Ross Avenue, Suite 1200
Dallas, Texas 75202

From: Houston, Robert
Sent: Monday, December 12, 2016 1:18 PM
To: Castille, Barbara <blcastille@sbinfra.com>
Cc: Adams, Gabriel (<Gabriel.Adams@spr.doe.gov>) <Gabriel.Adams@spr.doe.gov>; Martinez, Eli <martinez.eli@epa.gov>
Subject: RE: Notice of Availability, Draft Environmental Assessment, SPR West Hackberry Brine Disposal Pipeline Replacement Project

Thank you for the information provided. EPA Region 6 will follow-up.

Robert Houston
Chief, Special Projects Section
U.S. Environmental Protection Agency
1445 Ross Avenue, Suite 1200 (6EN-WS)
Dallas, Texas 75202-2733
Office: (214) 665-8565
eMail: houston.robert@epa.gov

From: Castille, Barbara [<mailto:blcastille@sbinfra.com>]
Sent: Monday, December 12, 2016 12:26 PM
To: Houston, Robert <Houston.Robert@epa.gov>
Cc: Adams, Gabriel (<Gabriel.Adams@spr.doe.gov>) <Gabriel.Adams@spr.doe.gov>
Subject: Notice of Availability, Draft Environmental Assessment, SPR West Hackberry Brine Disposal Pipeline Replacement Project

Mr. Houston—

The US Department of Energy (DOE) has prepared an Environmental Assessment (EA) for a project proposed to replace an existing, aging brine disposal pipeline with a new pipeline at the Strategic Petroleum Reserve (SPR), West Hackberry facility located in Cameron Parish, Louisiana (please see attached Notice of Availability of an Environmental Assessment).

The draft EA document has been posted to the following websites:

- energy.gov/node/2191870
- <http://energy.gov/nepa/ea-2039-brine-disposal-pipeline-replacement-project-strategic-petroleum-reserve-west-hackberry>
- <http://www.spr.doe.gov/esh/default.html>
- <http://www.spr.doe.gov/NEPA/default.htm>

The draft EA review period will occur from Monday, December 12, 2016 through Friday, January 13, 2017.

Comments on the document should be sent by January 13, 2017 to Mr. Will Woods at Will.woods@spr.doe.gov, or by fax to (504) 818-5329, or by US Postal Service to Mr. Will Woods, Strategic Petroleum Reserve, FE-4441, 900 East Commerce Road, New Orleans, LA 70123.

Respectfully submitted,

Barbara

Barbara Castille

Manager, Environmental Planning

S&B Infrastructure, Ltd.

530 Wells Fargo Drive
Houston, Texas 77090
Direct: (713) 845-5392
Main: (713) 845-5401
Cell: (281) 960-6421
blcastille@sbinfra.com

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 6
1445 ROSS AVENUE, SUITE 1200
DALLAS TX 75202-2733

December 15, 2016

Barbara Castille
Manager, Environmental Planning
S&B Infrastructure, Ltd.
530 Wells Fargo Drive
Houston, Texas 77090

SUBJECT: Environmental Assessment for the Brine Disposal Pipeline Replacement Project associated with the Strategic Petroleum Reserve, West Hackberry Facility, Cameron Parish, Louisiana.

Dear Ms. Castille:

The Environmental Protection Agency (EPA) has reviewed the Environmental Assessment for the Brine Disposal Pipeline Replacement Project associated with the Strategic Petroleum Reserve, West Hackberry Facility, Cameron Parish, Louisiana. Our review and comments are in accordance with Section 309 of the Clean Air Act and the National Environmental Policy Act (NEPA).

Based upon the environmental assessment information, EPA has no comments to offer on the proposed project. Thank you for this opportunity to comment. If you have any questions, please contact Eli Martinez of my staff at 214/655-2119 or at martinez.eli@epa.gov for assistance.

Sincerely,

A handwritten signature in black ink that reads "Robert Houston".

Robert Houston
Chief, Special Projects Section

Geyer, Joshua

From: Castille, Barbara
Sent: Thursday, December 15, 2016 12:39 PM
To: Geyer, Joshua
Subject: FW: Email 1 of 4

Importance: High

From: Adams, Gabriel [mailto:Gabriel.Adams@spr.doe.gov]
Sent: Thursday, December 15, 2016 11:14 AM
To: Castille, Barbara
Subject: FW: Email 1 of 4
Importance: High

Barbara,

Below is the body of the email Will Woods received from the NO District Corps of Engineers. There were attachments to the email. I will send you the attachments in 4 separate emails.

Regards,

Gabriel Adams, REM | [Fluor Federal Petroleum Operations, LLC](#) | Program Manager, Sustainability, Environmental & Sustainability Department |
Contractor to the U. S. Department of Energy SPR | gabriel.adams@spr.doe.gov | O 504.734.4503 | F 504.818.5503

From: Woods, Will
Sent: Thursday, December 15, 2016 11:07 AM
To: Adams, Gabriel <Gabriel.Adams@SPR.DOE.GOV>
Subject: RE: Email 1 of 4

I couldn't capture the subject and other metadata from top of the Email, but here is the body

Dear Mr. Woods, I have preliminarily reviewed the draft Environmental Assessment (EA) prepared by DOE, for a proposal to replace an existing, aging brine disposal pipeline with a new pipeline at the Strategic Petroleum Reserve (SPR), West Hackberry facility located in Cameron Parish, Louisiana. Based on my review, I would like to provide the following comments and initial observations:

1. Based on the location of the project site, as depicted within the draft EA and Site Location Maps, the proposed work is located within the LA Coastal Zone (see attached map), and submittal of a Joint Permit Application through the Dept. of Natural Resources, Office of Coastal Management will be required. A copy of the complete application will be forwarded to this office for our review and processing.
2. The proposed project is entirely located within the USACE, New Orleans District, and submittal to other USACE Districts will not be required. (see attached map)

3. As described within the Draft EA, it appears that the subject work will require authorization from this office under Section 10 of the River and Harbors Act and Section 404 of the Clean Water Act. Impacts to jurisdictional wetlands from the project show to be likely, therefore, as to clearly verify the extent of wetlands and waters of the U.S. to be affected, it is recommended that a Jurisdictional Determination (JD) be acquired from our Surveillance and Enforcement Section, prior to or at least concurrent with submittal of your Joint Permit application. An approved JD or Preliminary JD will be required from this office, so that we can properly determine whether the work will comply with our Programmatic General Permit or Standard Permit process. This information is also necessary for an assigned project manager to properly assess the project's potential impacts to jurisdictional wetlands. Your intended plans for mitigating any anticipated and unavoidable impacts to jurisdictional wetlands should be included within your joint permit application.

4. According to the location of the proposed work, the activities may alter, occupy, or use areas know to have existing federally authorized civil works project in the area. (see attached map). Hence, upon our receipt of your Joint Permit application from DNR, a copy will be forwarded by this office to the appropriate Operations Manager (OD-F) with this District, who has oversight of this area and will review your application as to the need for Section 408 Approval/Permission.

5. It appears that your project involves the discharge of dredge or fill material into waters of the U.S., therefore a state Water Quality Certification may be required from the LA Department of Environmental Quality. If it is determined that an individual certification is required from DEQ for the proposed work, a copy of your joint permit application will be forwarded by us to that agency, for their review and processing.

6. Our permit decision reflects the national concern for both protecting and utilizing important resources such as those potentially affected by the project. According to the Section 404(b)(1) Guidelines, a permit cannot be issued for a non-water dependent activity if there is a feasible less damaging alternative available. Since the proposed activity may be located within a wetland, it must comply with criteria outlined on our Guidelines for Specification of Disposal Sites for Dredge or Fill Material (40 CFR Part 230). Specifically, Section 230.10 (a) requires that no discharge of dredge or fill material shall be granted if there is a less damaging practicable alternative to the proposed discharge. Where the applicant can demonstrate a lack of practicable alternatives, reveal the public and/or private benefit of the proposed project, and the authorization is not contrary to the overall public interest, a permit can usually be issued. Prior to permit issuance, we must determine that impacts have been avoided to the maximum extent practicable, remaining unavoidable impacts are minimized, and a mitigation plan is developed to compensate any unavoidable loss of aquatic resources.

Thank you, and feel free to contact me if you have any questions.

DARRELL S. BARBARA

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

(504) 862-2261 / fax: (504) 862-2574

darrell.barbara@usace.army.mil

From: Adams, Gabriel

Sent: Thursday, December 15, 2016 10:51 AM

To: Woods, Will <Will.Woods@SPR.DOE.GOV>

Subject: RE: Email 1 of 4

Can you send me the text body of the email that had this attached? I received all 4 emails and attachments.

Gabriel Adams, REM | [Fluor Federal Petroleum Operations, LLC](#) | Program Manager, Sustainability, Environmental & Sustainability Department |

Contractor to the U. S. Department of Energy SPR | gabriel.adams@spr.doe.gov | O 504.734.4503 | F 504.818.5503

From: Woods, Will
Sent: Thursday, December 15, 2016 10:45 AM
To: Adams, Gabriel <Gabriel.Adams@SPR.DOE.GOV>
Subject: Email 1 of 4

Gabe: I am sending you four separate emails of an email that I received regarding draft EA 2039. I thought I had forwarded it to you yesterday, but it was stuck in my Outbox and Helpdesk has told me to try to send these to you individually. Something is wrong with one of the files that keeps me from forwarding the original email to you.

Let me know if you get this and the other three emails.

To: Darrell Barbara, Chief, Western Evaluation Section, Regulatory Branch, US Army Corps of Engineers, New Orleans District, 7400 Leake Avenue, New Orleans, Louisiana 70118

Date: December 12, 2016

Project: West Hackberry Brine Disposal Pipeline Replacement Project

Agency: Department of Energy, Strategic Petroleum Reserve

Action: Notice of Availability of an Environmental Assessment

Summary: Notice is hereby given that the Department of Energy, Strategic Petroleum Reserve Project Management Office (DOE/SPRPMO) is issuing a draft Environmental Assessment (EA) in connection with potential impacts related to the replacement of an existing, aging brine disposal pipeline with a new pipeline at the West Hackberry facility in Cameron Parish, Louisiana. The proposed action would involve the installation of approximately 2.1 miles of 24-inch pipeline to replace the existing brine disposal pipeline which would remain in place but would be removed from service. The proposed pipeline would be installed using open cut trenching methods except at road crossings in which jack and bore techniques would be utilized as needed.

Review

Period: The draft EA review period will occur from December 12, 2016 until January 13, 2017.

Websites: The draft EA will be available for review at the following websites:

- energy.gov/node/2191870
- <http://energy.gov/nepa/ea-2039-brine-disposal-pipeline-replacement-project-strategic-petroleum-reserve-west-hackberry>
- <http://www.spr.doe.gov/esh/default.html>
- <http://www.spr.doe.gov/NEPA/default.htm>

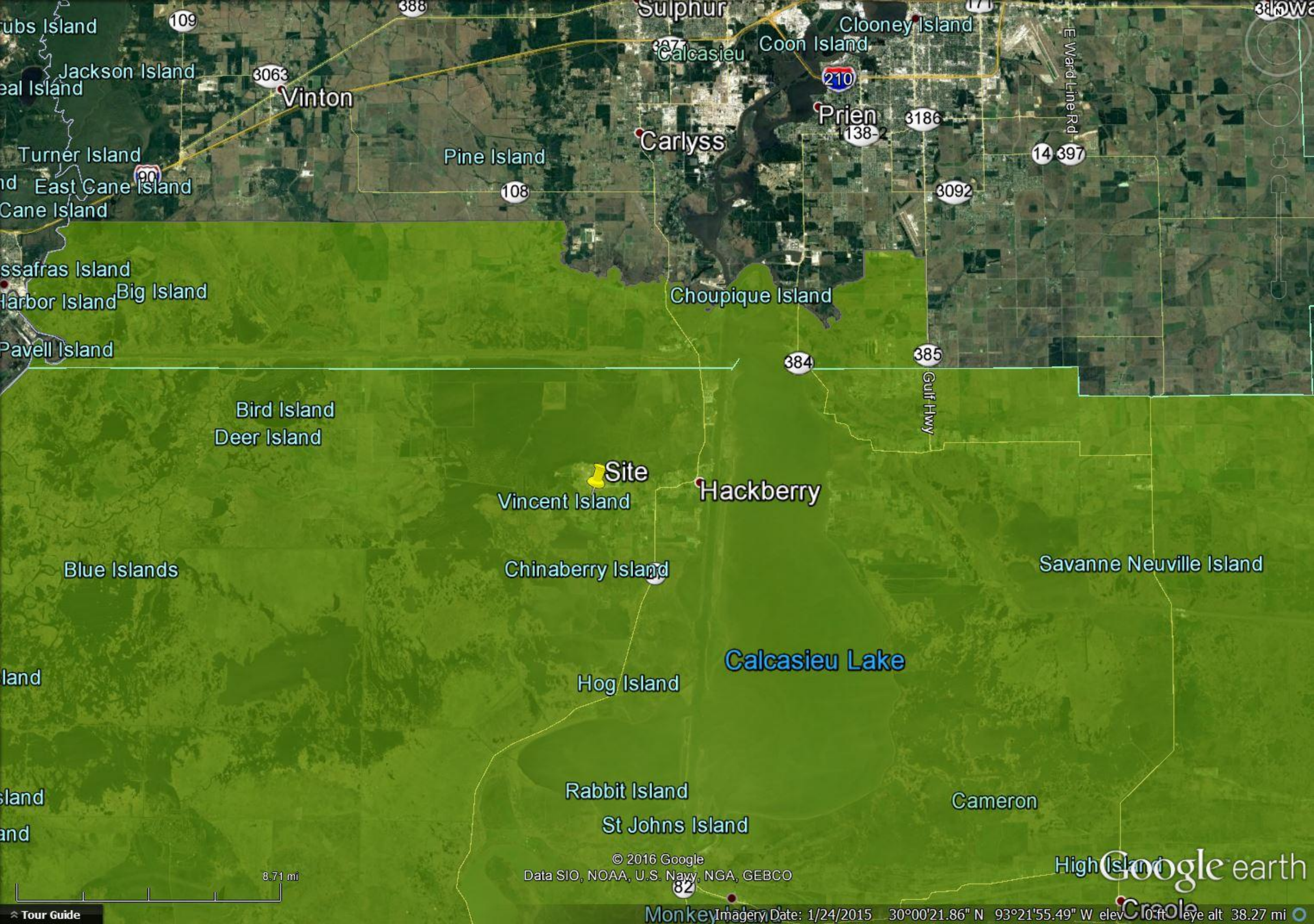
The public is invited to review and comment on the draft EA that has been prepared to analyze potential environmental consequences of the proposed project. The SPRPMO has prepared the draft EA in accordance with the requirements of the National Environmental Policy Act, the Council on Environmental Quality regulations implementing the National Environmental Policy Act (40 CFR 1500-1508), and the Department of Energy regulations for implementing the National Environmental Policy Act (10 CFR 1021). Requests for an electronic copy or hard copy should be mailed to: Draft Environmental Assessment, Mr. Will Woods, 900 East Commerce Road, Mail Stop FE-4441, New Orleans, LA 70123. Requests may also be submitted by fax to Mr. Woods at (504) 818-5329 or by e-mail to: Will.woods@spr.doe.gov.

Copies of the draft EA are available for public viewing at the following locations:

- Cameron Parish Library-Hackberry Branch, 983, Main Street, Hackberry, LA 70645
- Cameron Main Library, 501 Marshall Street, Cameron, LA 70631
- Cameron Parish Library-Grand Lake Branch, 10200 Gulf Highway, Lake Charles, LA 70607
- Sulphur Regional Library, 1160 Cypress Street, Sulphur, LA 70663
- Calcasieu Parish Central Library, 301 W. Claude Street, Lake Charles, LA 70605

All comments on the draft EA should be submitted in writing by January 13, 2017 to Mr. Woods at the address, fax number, or e-mail listed above.

FOR FURTHER INFORMATION ON THE DOE NATIONAL ENVIRONMENTAL POLICY ACT (NEPA) PROCESS: Information on Department of Energy National Environmental Policy Act compliance and implementation is available from: The U.S. Department of Energy, Office of NEPA Policy and Compliance (GC-54), 1000 Independence Avenue, S.W., Washington, D.C. 20585-0119 or leave a message on their toll-free number: 1-800-472-2756; fax to: 202-586-7031; or e-mail them to: askNEPA@hq.doe.gov.



Bird Island
Deer Island

Blue Islands

Vincent Island
Site
Hackberry

Chinaberry Island

Calcasieu Lake

Hog Island

Rabbit Island
St Johns Island

Savanne Neuville Island

Cameron

8.71 mi

© 2016 Google
Data SIO, NOAA, U.S. Navy, NGA, GEBCO

Google earth

Monkey Imagery Date: 1/24/2015 30°00'21.86" N 93°21'55.49" W elev 10 ft eye alt 38.27 mi

Tour Guide

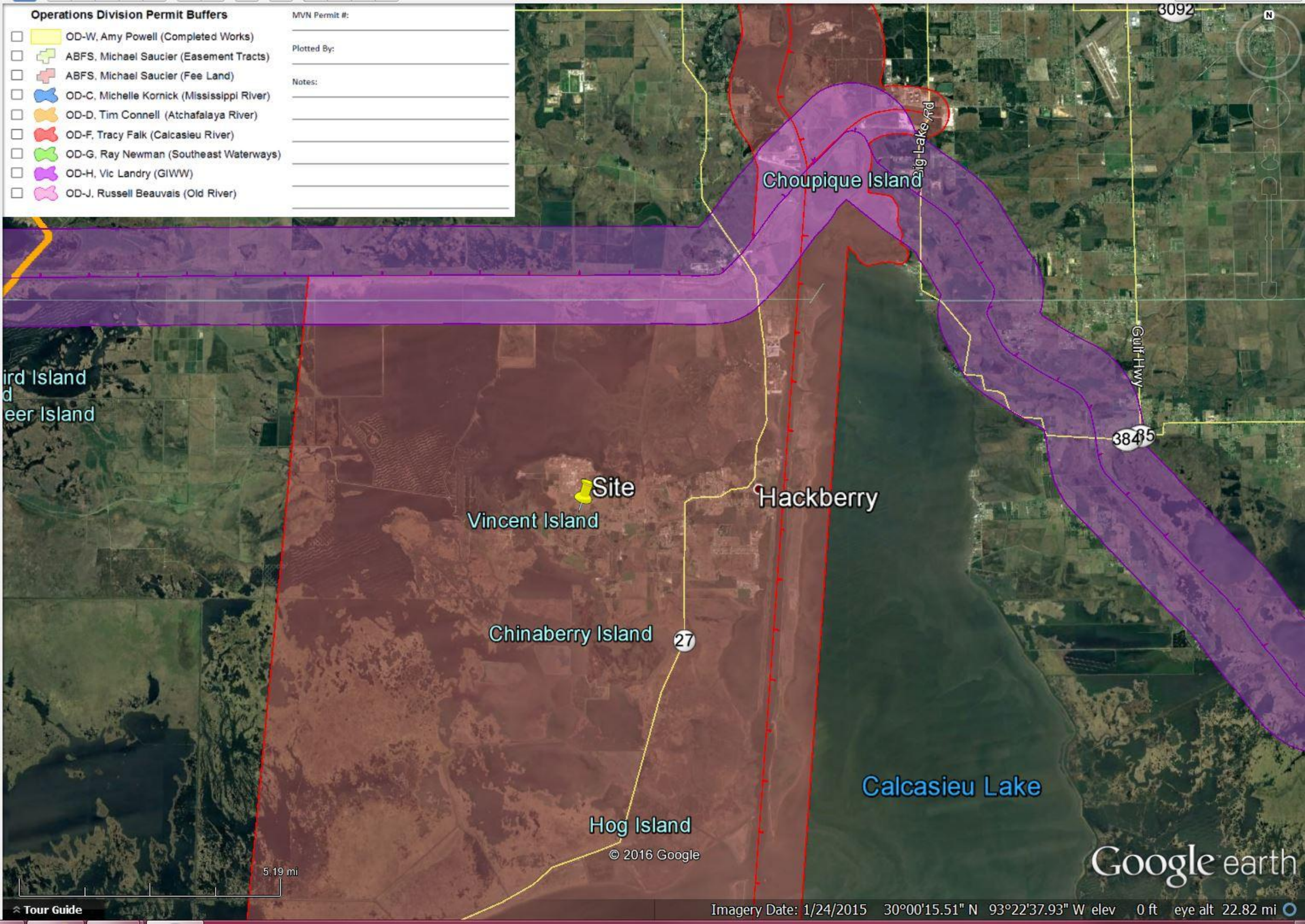
Operations Division Permit Buffers

MVN Permit #:

Plotted By:

Notes:

- OD-W, Amy Powell (Completed Works)
- ABFS, Michael Saucier (Easement Tracts)
- ABFS, Michael Saucier (Fee Land)
- OD-C, Michelle Kornick (Mississippi River)
- OD-D, Tim Connell (Atchafalaya River)
- OD-F, Tracy Falk (Calcasieu River)
- OD-G, Ray Newman (Southeast Waterways)
- OD-H, Vic Landry (GIWW)
- OD-J, Russell Beauvais (Old River)



bird Island
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eer Island

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Site

Vincent Island

Hackberry

Chinaberry Island

Hog Island

Calcasieu Lake

3845

3092

Gulf Hwy

Big Lake Rd

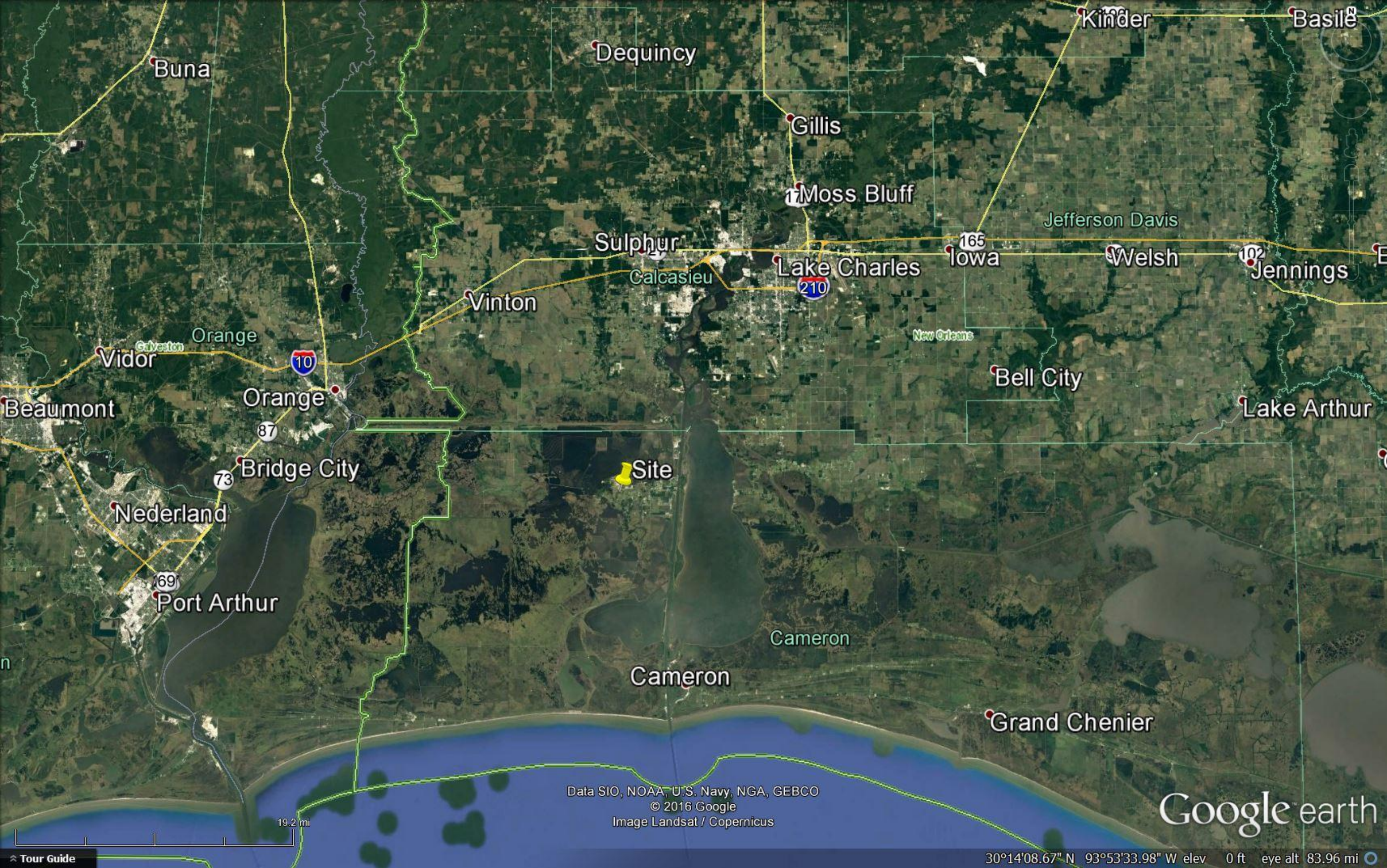
© 2016 Google

Google earth

Imagery Date: 1/24/2015 30°00'15.51" N 93°22'37.93" W elev 0 ft eye alt 22.82 mi

Tour Guide

5.19 mi



Buna

Dequincy

Kinder

Basile

Gillis

Moss Bluff

Jefferson Davis

Sulphur

Lake Charles

165 Iowa

Welsh

102 Jennings

Vinton

Calcasieu

New Orleans

Bell City

Orange

Vidor

Orange

Beaumont

Lake Arthur

73 Bridge City

Site

Nederland

69 Port Arthur

Cameron

Cameron

Grand Chenier

Data SIO, NOAA, U.S. Navy, NGA, GEBCO
© 2016 Google
Image Landsat / Copernicus

Google earth

19.2 mi

30°14'08.67" N 93°53'33.98" W elev 0 ft eye alt 83.96 mi

Tour Guide

Castille, Barbara

From: Jeff Harris <Jeff.Harris@la.gov>
Sent: Thursday, December 22, 2016 10:14 AM
To: Castille, Barbara; Donald Haydel
Cc: Adams, Gabriel (Gabriel.Adams@spr.doe.gov); darrell.barbara@usace.army.mil
Subject: RE: Notice of Availability, Draft Environmental Assessment, SPR West Hackberry Brine Disposal Pipeline Replacement Project

Follow Up Flag: Follow up
Flag Status: Flagged

Ms. Castille—

Thank you for forwarding the Notice of Availability for the referenced Draft Environmental Assessment. By letter of September 15, 2016, the Louisiana Department of Natural Resources, Office of Coastal Management (OCM) submitted preliminary comments regarding this project to Mr. William Gibson of the Department of Energy. We also discussed OCM's concerns in a teleconference with Mr. Gibson and other DOE and contractor representatives on October 5, 2016.

As noted in those earlier communications, the Department of Energy must submit a consistency determination for the proposed activity. This determination should clearly describe the measures to be taken to avoid and minimize impacts to wetlands, and should specifically state that the existing pipeline and associated infrastructure will be removed upon the decommissioning of the Strategic Petroleum Reserve Hackberry facility, if not earlier.

Because this project will also require review by the Army Corps of Engineers-New Orleans District, I recommend that your consistency determination be submitted using the online Joint Permit Application (http://workflow.dnr.state.la.us/sundown/cart_prod/pkg_dnr_wf.initiate).

We appreciate your efforts at early coordination. Please contact me if you have any questions.

--Jeff

Jeff Harris
Consistency Section
Office of Coastal Management
Louisiana Department of Natural Resources
(225) 342-7949

From: Castille, Barbara [mailto:blcastille@sbinfra.com]
Sent: Monday, December 12, 2016 10:55 AM
To: Donald Haydel; Jeff Harris
Cc: Adams, Gabriel (Gabriel.Adams@spr.doe.gov)
Subject: Notice of Availability, Draft Environmental Assessment, SPR West Hackberry Brine Disposal Pipeline Replacement Project

Mr. Haydel and Mr. Harris—

The US Department of Energy (DOE) has prepared an Environmental Assessment (EA) for a project proposed to replace an existing, aging brine disposal pipeline with a new pipeline at the Strategic Petroleum Reserve

(SPR), West Hackberry facility located in Cameron Parish, Louisiana (please see attached Notice of Availability of an Environmental Assessment).

The draft EA document has been posted to the following websites:

- energy.gov/node/2191870
- <http://energy.gov/nepa/ea-2039-brine-disposal-pipeline-replacement-project-strategic-petroleum-reserve-west-hackberry>
- <http://www.spr.doe.gov/esh/default.html>
- <http://www.spr.doe.gov/NEPA/default.htm>

The draft EA review period will occur from Monday, December 12, 2016 through Friday, January 13, 2017.

Comments on the document should be sent by January 13, 2017 to Mr. Will Woods at Will.woods@spr.doe.gov, or by fax to (504) 818-5329, or by US Postal Service to Mr. Will Woods, Strategic Petroleum Reserve, FE-4441, 900 East Commerce Road, New Orleans, LA 70123.

Respectfully submitted,

Barbara

Barbara Castille

Manager, Environmental Planning

S&B Infrastructure, Ltd.

530 Wells Fargo Drive

Houston, Texas 77090

Direct: (713) 845-5392

Main: (713) 845-5401

Cell: (281) 960-6421

blcastille@sbinfra.com

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COMPUTER SYSTEM USE/CONSENT NOTICE

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Castille, Barbara

From: Marceaux, Joshua <joshua_marceaux@fws.gov>
Sent: Friday, December 16, 2016 7:43 AM
To: Castille, Barbara
Subject: Fwd: FW: Notice of Availability, Draft Environmental Assessment, SPR West Hackberry Brine Disposal Pipeline Replacement Project

Follow Up Flag: Follow up
Flag Status: Flagged

Ms. Castille,

We responded to the POC for this awhile back-no comment. Please see emails below. Thanks

Joshua C. Marceaux

Fish and Wildlife Biologist

U.S. Fish and Wildlife Service

Southwest Louisiana National Wildlife Refuge Complex

Lacassine National Wildlife Refuge

office: 337/774-5923

cell: 33/452-9179

----- Forwarded message -----

From: Brad Rieck <brad_rieck@fws.gov>
Date: Thu, Dec 15, 2016 at 4:36 PM
Subject: RE: FW: Notice of Availability, Draft Environmental Assessment, SPR West Hackberry Brine Disposal Pipeline Replacement Project
To: Joshua Marceaux <joshua_marceaux@fws.gov>
Cc: David Soileau <david_soileau@fws.gov>

OK. Just call her and let her know. Thanks.

Brad Rieck

Deputy Field Supervisor

Louisiana Ecological Services Office

U.S. Fish and Wildlife Service

646 Cajundome Boulevard; Suite 400

Lafayette, LA

337-291-3116 (phone)

337-291-3139 (fax)

Brad_Rieck@fws.gov

NOTE: This email correspondence and any attachments to and from this sender is subject to the Freedom of Information Act (FOIA) and may be disclosed to third parties.

From: Marceaux, Joshua [mailto:joshua_marceaux@fws.gov]

Sent: Thursday, December 15, 2016 1:52 PM

To: Brad Rieck

Cc: David Soileau

Subject: Re: FW: Notice of Availability, Draft Environmental Assessment, SPR West Hackberry Brine Disposal Pipeline Replacement Project

I took care of this awhile back. It was not a big deal and was a no comment/no objection to the draft EA sent to POC in email. Never seen an ER for it and don't think we will.

-Josh

On Thu, Dec 15, 2016 at 10:46 AM, Brad Rieck <brad_rieck@fws.gov> wrote:

Have we done/do we have an ER for this? Someone please call Ms. Castille and let her know if we have, or we will respond when ER comes out. Thanks.

Brad Rieck

Deputy Field Supervisor

Louisiana Ecological Services Office

U.S. Fish and Wildlife Service

646 Cajundome Boulevard; Suite 400

Lafayette, LA

337-291-3116 (phone)

337-291-3139 (fax)

Brad_Rieck@fws.gov

NOTE: This email correspondence and any attachments to and from this sender is subject to the Freedom of Information Act (FOIA) and may be disclosed to third parties.

From: Castille, Barbara [mailto:blcastille@sbinfra.com]

Sent: Monday, December 12, 2016 12:04 PM

To: brad_rieck@fws.gov

Cc: Adams, Gabriel (Gabriel.Adams@spr.doe.gov)

Subject: Notice of Availability, Draft Environmental Assessment, SPR West Hackberry Brine Disposal Pipeline Replacement Project

Mr. Rieck—

The US Department of Energy (DOE) has prepared an Environmental Assessment (EA) for a project proposed to replace an existing, aging brine disposal pipeline with a new pipeline at the Strategic Petroleum Reserve (SPR), West Hackberry facility located in Cameron Parish, Louisiana (please see attached Notice of Availability of an Environmental Assessment).

The draft EA document has been posted to the following websites:

- energy.gov/node/2191870

- <http://energy.gov/nepa/ea-2039-brine-disposal-pipeline-replacement-project-strategic-petroleum-reserve-west-hackberry>
- <http://www.spr.doe.gov/esh/default.html>
- <http://www.spr.doe.gov/NEPA/default.htm>

The draft EA review period will occur from Monday, December 12, 2016 through Friday, January 13, 2017.

Comments on the document should be sent by January 13, 2017 to Mr. Will Woods at Will.woods@spr.doe.gov, or by fax to (504) 818-5329, or by US Postal Service to Mr. Will Woods, Strategic Petroleum Reserve, FE-4441, 900 East Commerce Road, New Orleans, LA 70123.

Respectfully submitted,

Barbara

Barbara Castille

Manager, Environmental Planning

S&B Infrastructure, Ltd.

530 Wells Fargo Drive

Houston, Texas 77090

Direct: (713) 845-5392

Main: (713) 845-5401

Cell: (281) 960-6421

blcastille@sbinfra.com

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named recipient, or have reason to believe you are not or should not be one of the named recipients, please notify sender accordingly by reply e-mail and delete all copies of this message prior to forwarding, copying or otherwise reproducing this message or attachments thereto. Thank you.

--

Joshua C. Marceaux

Fish and Wildlife Biologist

U.S. Fish and Wildlife Service

Southwest Louisiana National Wildlife Refuge Complex

Lacassine National Wildlife Refuge

office: 337/774-5923

cell: 337/452-9179

--

Joshua C. Marceaux

Fish and Wildlife Biologist

U.S. Fish and Wildlife Service

Southwest Louisiana National Wildlife Refuge Complex

Lacassine National Wildlife Refuge

office: 337/774-5923

cell: 337/452-9179

Castille, Barbara

From: Keri Landry <klandry@wlf.la.gov>
Sent: Tuesday, December 13, 2016 10:18 AM
To: Castille, Barbara; Amity Bass; Carolyn Michon
Cc: Adams, Gabriel (Gabriel.Adams@spr.doe.gov)
Subject: RE: Notice of Availability, Draft Environmental Assessment, SPR West Hackberry Brine Disposal Pipeline Replacement Project

Hi Barbara,

Thank you, appropriate staff will review the EA and provide any comments by the January 13th deadline.

Keri

Keri Landry, Endangered Species Biologist

[Gopher Tortoise Council](#) Co-chair

LA Natural Heritage Program

LA Dept. of Wildlife & Fisheries

2000 Quail Drive, Rm 224

Baton Rouge, LA 70808

Office: (225) 765-2809 x1460

Fax: (225)765- 2818

klandry@wlf.la.gov

www.wlf.louisiana.gov

From: Castille, Barbara [<mailto:blcastille@sbinfra.com>]

Sent: Monday, December 12, 2016 4:09 PM

To: Amity Bass; Keri Landry; Carolyn Michon

Cc: Adams, Gabriel (Gabriel.Adams@spr.doe.gov)

Subject: Notice of Availability, Draft Environmental Assessment, SPR West Hackberry Brine Disposal Pipeline Replacement Project

Ms. Bass, Ms. Landry, Ms. Michon—

The US Department of Energy (DOE) has prepared an Environmental Assessment (EA) for a project proposed to replace an existing, aging brine disposal pipeline with a new pipeline at the Strategic Petroleum Reserve (SPR), West Hackberry facility located in Cameron Parish, Louisiana (please see attached Notice of Availability of an Environmental Assessment).

The draft EA document has been posted to the following websites:

- energy.gov/node/2191870
- <http://energy.gov/nepa/ea-2039-brine-disposal-pipeline-replacement-project-strategic-petroleum-reserve-west-hackberry>
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- <http://www.spr.doe.gov/NEPA/default.htm>

The draft EA review period will occur from Monday, December 12, 2016 through Friday, January 13, 2017.

Comments on the document should be sent by January 13, 2017 to Mr. Will Woods at Will.woods@spr.doe.gov, or by fax to (504) 818-5329, or by US Postal Service to Mr. Will Woods, Strategic Petroleum Reserve, FE-4441, 900 East Commerce Road, New Orleans, LA 70123.

Respectfully submitted,

Barbara

Barbara Castille

Manager, Environmental Planning

S&B Infrastructure, Ltd.

530 Wells Fargo Drive

Houston, Texas 77090

Direct: (713) 845-5392

Main: (713) 845-5401

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blcastille@sbinfra.com

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JOHN BEL EDWARDS
GOVERNOR

State of Louisiana
DEPARTMENT OF WILDLIFE AND FISHERIES

CHARLES J. MELANCON
SECRETARY

December 19, 2016

Mr. Will Woods
Strategic Petroleum Reserve
FE-4441
900 East Commerce Road
New Orleans, LA 70123

RE: *Application Number: Draft Environmental Assessment/West Hackberry*
Applicant: U.S. Department of Energy/Strategic Petroleum Reserve Project Management Office
Notice Date: December 12, 2016

Dear Mr. Wood:

The professional staff of the Louisiana Department of Wildlife and Fisheries (LDWF) has reviewed the above referenced notice for the proposed installation of a 2.1-mile, 24-inch brine disposal pipeline in Cameron Parish, Louisiana. Based upon this review, the following has been determined:

It is anticipated that the proposed activity will have minimal or no long-term adverse impacts to wetland functions and, therefore, we have no objection provided that adequate erosion/sediment control measures are implemented to insure that no sediments or other activity related debris are allowed to enter adjacent wetlands or waters. Accepted measures include the proper use of silt fences, straw bales, seeding or sodding of exposed soils or other Environmental Protection Agency construction site storm water runoff control best management practices. These measures shall be installed before commencement of construction activities and maintained until the site is fully developed.

Ensure that the applicant provides adequate and appropriate mitigation for impacts to wetland functions.

The Louisiana Department of Wildlife and Fisheries submits these recommendations to the U.S. Army Corps of Engineers in accordance with provisions of the Fish and Wildlife Coordination Act (16 U.S.C. 661 et seq.). Please do not hesitate to contact Habitat Section biologist Zachary Chain at 225-763-3587 should you need further assistance.

Sincerely,



Kyle F. Balkum
Biologist Director

zc

From: [Phil Boggan](#)
To: [Megan Kenny](#)
Subject: FW: Notice of Availability, Draft Environmental Assessment, SPR West Hackberry Brine Disposal Pipeline Replacement Project
Date: Wednesday, December 21, 2016 10:06:04 AM
Attachments: [WestHackberry NoticeOfAvailability DraftEnvironmentalAssessment ToLADCRT PBoggan 121216 FINAL.pdf](#)

Phil Boggan
Assistant Secretary &
State Historic Preservation Officer
Office of Cultural Development
Department of Culture, Recreation & Tourism
Post Office Box 44247, Baton Rouge, Louisiana 70804-4247
P: 225.342.8200 / F: 225.219.9772 / pboggan@crt.la.gov



From: Castille, Barbara [<mailto:blcastille@sbinfra.com>]
Sent: Monday, December 12, 2016 2:30 PM
To: Phil Boggan
Cc: Adams, Gabriel (Gabriel.Adams@spr.doe.gov)
Subject: Notice of Availability, Draft Environmental Assessment, SPR West Hackberry Brine Disposal Pipeline Replacement Project

Mr. Boggan—

The US Department of Energy (DOE) has prepared an Environmental Assessment (EA) for a project proposed to replace an existing, aging brine disposal pipeline with a new pipeline at the Strategic Petroleum Reserve (SPR), West Hackberry facility located in Cameron Parish, Louisiana (please see attached Notice of Availability of an Environmental Assessment).

The draft EA document has been posted to the following websites:

- energy.gov/node/2191870
- <http://energy.gov/nepa/ea-2039-brine-disposal-pipeline-replacement-project-strategic-petroleum-reserve-west-hackberry>

- <http://www.spr.doe.gov/esh/default.html>
- <http://www.spr.doe.gov/NEPA/default.htm>

The draft EA review period will occur from Monday, December 12, 2016 through Friday, January 13, 2017.

Comments on the document should be sent by January 13, 2017 to Mr. Will Woods at Will.woods@spr.doe.gov, or by fax to (504) 818-5329, or by US Postal Service to Mr. Will Woods, Strategic Petroleum Reserve, FE-4441, 900 East Commerce Road, New Orleans, LA 70123.

Respectfully submitted,

Barbara

No known historic properties will be affected by this undertaking. Therefore, our office has no objection to the implementation of this project. This effect determination could change should new information come to our attention.

Barbara Castille

Manager, Environmental Planning

S&B Infrastructure, Ltd.

530 Wells Fargo Drive
Houston, Texas 77090
Direct: (713) 845-5392
Main: (713) 845-5401
Cell: (281) 960-6421
bcastille@sbinfra.com



Phil Boggan
State Historic Preservation Officer

Date

01/20/2017

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Barbara Castille

Manager, Environmental Planning

S&B Infrastructure, Ltd.

530 Wells Fargo Drive
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UNITED STATES DEPARTMENT OF COMMERCE

National Oceanic and Atmospheric Administration

NATIONAL MARINE FISHERIES SERVICE

Southeast Regional Office

263 13th Avenue South

St. Petersburg, Florida 33701-5505

<http://sero.nmfs.noaa.gov>

January 20, 2017

F/SER46/BH:jk

225/389-0508

Mr. Will Woods, Project Manager
Department of Energy
900 Commerce East
New Orleans, Louisiana 70123

Dear Mr. Woods:

NOAA's National Marine Fisheries Service (NMFS) has received the draft Environmental Assessment (EA) from the Department of Energy (DOE) for the proposed "**Brine Disposal Pipeline Project, West Hackberry Facility**" (DOE EA-2039) dated December 2016. The DOE proposes to replace an existing brine disposal pipeline between the Strategic Petroleum Reserve West Hackberry facility and associated brine injection well near Hackberry in Cameron Parish, Louisiana. Comments to the notice of intent to issue and EA were provided by letter dated September 12, 2016. The DOE is requesting comments on the draft EA for this proposed action.

Section 4.12 of the draft EA states EFH is not present at the project site, but acknowledges estuarine species are present in wetlands being impacted by the project. Wetlands potentially impacted by construction of the project consist of saline to brackish marsh vegetated with saltgrass, smooth cordgrass, and marshhay cordgrass. Tidally influenced wetlands connected to Black Lake and Browns Lake are designated as essential fish habitat (EFH) for postlarval and/or juvenile life stages of white shrimp, brown shrimp, gray snapper, lane snapper, and red drum. Specifically, the tidal creek connected to Black Lake between Johnson Road and Maggie Hebert Road, and the waterbody south of Maggie Hebert Road connected to Browns Lake where the project ends are EFH, as well as all wetlands tidally connected to them. Primary categories of EFH which may be in the project area include estuarine emergent wetlands, estuarine water column, and estuarine mud bottoms. We recommend the final EA fully describe the use of various habitats in the project area by these species.

The DOE is required to conduct EFH consultations under provisions of the Magnuson-Stevens Fishery Conservation and Management Act. To fully address EFH impacts and estuarine-dependent fisheries of the project area, we recommend the final EA expand Section 4.12 to include a complete EFH assessment. An EFH Assessment must include: (1) a description of the proposed action, (2) an analysis of the effects, including cumulative effects, of the action on EFH, the managed species, and associated species by life history stage, (3) the Federal agency's views regarding the effects of the action on EFH, and (4) proposed mitigation, if applicable. If appropriate, the assessment should also include the results of an on-site inspection, the views of recognized experts on the habitat or species affected, a literature review, an analysis of alternatives to the proposed action, and any other relevant information.

The NMFS recommends a section titled "Mitigation" be included in the final EA which discusses measures to avoid, minimize, and offset impacts to EFH and non-tidal wetlands. The final EA



should not assume all wetland areas disturbed “temporarily” by installation of the pipeline will return to pre-existing conditions. Rather, the final EA should include a monitoring plan to evaluate the degree to which areas impacted by project implementation recover from construction activities. Additionally, the EA should discuss compensatory mitigation alternatives for all wetland areas which do not fully recover from project implementation. Section 4.8.3 states mitigation plan finalization will take place during the permitting process with the U.S. Army Corps of Engineers. The final EA should acknowledge this mitigation plan will be coordinated with NMFS and EFH impacts will be mitigated in-kind.

We appreciate your consideration of our comments and request notification once the final EA is published. If you wish to discuss this project further or have questions concerning our recommendations, please contact Brandon Howard at (225) 389-0508, extension 207.

Sincerely,



Virginia M. Fay
Assistant Regional Administrator
Habitat Conservation Division

c:
F/SER46, Swafford
F/SER4, Dale, Sramek
Files

Geyer, Joshua

From: Castille, Barbara
Sent: Monday, January 23, 2017 11:04 AM
To: Geyer, Joshua
Subject: FW: SOV response for US Department of Energy (MVN-2016-01237-SK)

Josh—

FYI.

Barbara

Barbara Castille
S&B Infrastructure, Ltd.
Direct: (713) 845-5392
blcastille@sbinfra.com

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From: Clement, Karen L CIV USARMY CEMVN (US) [<mailto:karen.l.Clement@usace.army.mil>]
Sent: Monday, January 23, 2017 10:47 AM
To: Castille, Barbara
Subject: SOV response for US Department of Energy (MVN-2016-01237-SK)

Please take this email as our official Solicitation of Views response.

This is in response to the Solicitation of Views request dated December 12, 2016, from S&B Infrastructure, Ltd., on behalf of the US Department of Energy, concerning the SPR West Hackberry Brine Disposal Pipeline Replacement Project, in Cameron Parish, Louisiana.

We have reviewed your request for potential Department of the Army regulatory requirements and impacts on any Department of the Army projects.

We do not anticipate any adverse impacts to any Corps of Engineers projects.

Based on the information provided, we have determined that information and signatures obtained from recent maps, aerial photography, and local soil surveys concerning the proposed project are indicative of the occurrence of waters of the U.S., including wetlands. Department of the Army (DA) permits are required prior to the deposition and/ or redistribution of dredged or fill material into jurisdictional waters and wetlands.

This determination is advisory in nature. If an accurate delineation is needed, please furnish us with the field data concerning vegetation, soils, and hydrology that we require for all jurisdictional decisions. The fact that a field wetland delineation/ determination has not been completed does not alleviate your responsibility to obtain the proper DA permits prior to working in jurisdictional waters, including wetlands occurring within the project site.

Off-site locations of activities such as borrow, disposals, haul-and detour-roads and work mobilization site developments may be subject to Department of the Army regulatory requirements and may have an impact on a Department of the Army project.

You should apply for said permit well in advance of the work to be performed. The application should include sufficiently detailed maps, drawings, photographs, and descriptive text for accurate evaluation of the proposal.

Please contact Mr. Michael Windham, of our Regulatory Branch by telephone at (504) 862-1235, or by e-mail at Michael.J.Windham@usace.army.mil for questions concerning wetlands determinations or need for on-site evaluations. Questions concerning regulatory permit requirements may be addressed to Mr. Darrell Barbara by telephone at (504) 862-2260 or by email at Darrell.Barbara@usace.army.mil.

Future correspondence concerning this matter should reference our account number MVN-2016-01237-SK. This will allow us to more easily locate records of previous correspondence, and thus provide a quicker response.

Thank you,
Karen

Karen L. Clement
Asst Operations Manager, Completed Works
Operations Division
New Orleans District Corps of Engineers
CEMVN-OD-W
7400 Leake Avenue
New Orleans, LA 70118
(504) 862-2313



COMMENT/RESPONSE SUMMARY

PROJECT: Brine Disposal Pipeline Replacement Project associated with the Strategic Petroleum Reserve, West Hackberry Facility, Hackberry, Louisiana			PROJECT NO.: DOE/EA-2039	DOCUMENT: Environmental Assessment
COMMENTS	DOE RESPONSE	COMMENTS	DOE RESPONSE	
David Frank Bridge Administration	US Coast Guard	12/12/2016	Telephone communication with Barbara Castille, S&B Infrastructure. No comments on the proposed project.	Acknowledged.
Robert Houston, Chief, Special Projects Section	US EPA, Region 6	12/15/2016	The Environmental Protection Agency (EPA) has reviewed the Environmental Assessment for the Brine Disposal Pipeline Replacement Project associated with the Strategic Petroleum Reserve, West Hackberry Facility, Cameron Parish, Louisiana. Our review and comments are in accordance with Section 309 of the Clean Air Act and the National Environmental Policy Act (NEPA). Based upon the environmental assessment information, EPA has no comments to offer on the proposed project. Thank you for the opportunity to comment. If you have any questions, please contact Eli Martinez of my staff at 214/655-2119 or at martinez.eli@epa.gov for assistance.	Acknowledged.
Darrell S. Barbara, Chief, Western Evaluation Section	U.S. Army Corps of Engineers, New Orleans District, Regulatory Branch	12/15/2016	Dear Mr. Woods, I have preliminarily reviewed the draft Environmental Assessment (EA) prepared by DOE, for a proposal to replace an existing, aging brine disposal pipeline with a new pipeline at the Strategic Petroleum Reserve (SPR), West Hackberry facility located in Cameron Parish, Louisiana. Based on my review, I would like to provide the following comments and initial observations: 1. Based on the location of the project site, as depicted within the draft EA and Site Location Maps, the proposed work is located within the LA Coastal Zone (see attached map), and submittal of a Joint Permit Application through the Dept. of Natural Resources, Office of Coastal Management will be required. A copy of the complete application will be forwarded to this office for our review and processing. 2. The proposed project is entirely located within the USACE, New Orleans District, and submittal to other USACE Districts will not be required. (see attached map) 3. As described within the Draft EA, it appears that the subject work will require authorization from this office under Section 10 of the River and Harbors Act and Section 404 of the Clean Water Act. Impacts to jurisdictional wetlands from the project show to be likely, therefore, as to clearly verify the extent of wetlands and waters of the U.S. to be affected, it is recommended that a Jurisdictional Determination (JD) be acquired from our Surveillance and Enforcement Section, prior to or at least	1. Acknowledged. See EA Section 4.8. 2. Acknowledged. 3. All wetland permitting and/or coordination including potential mitigation would be completed at a later date with the USACE. No work would be completed in waters of the US, including wetlands, until a permit from the USACE is received. The DOE would



COMMENT/RESPONSE SUMMARY

PROJECT: Brine Disposal Pipeline Replacement Project associated with the Strategic Petroleum Reserve, West Hackberry Facility, Hackberry, Louisiana			PROJECT NO.: DOE/EA-2039	DOCUMENT: Environmental Assessment
COMMENTER'S NAME, TITLE	AGENCY	DATE RECEIVED	COMMENTS	DOE RESPONSE
Darrell S. Barbara, Chief, Western Evaluation Section	U.S. Army Corps of Engineers, New Orleans District, Regulatory Branch	12/15/2016	<p>concurrent with submittal of your Joint Permit application. An approved JD or Preliminary JD will be required from this office, so that we can properly determine whether the work will comply with our Programmatic General Permit or Standard Permit process. This information is also necessary for an assigned project manager to properly assess the project's potential impacts to jurisdictional wetlands. Your intended plans for mitigating any anticipated and unavoidable impacts to jurisdictional wetlands should be included within your joint permit application.</p> <p>4. According to the location of the proposed work, the activities may alter, occupy, or use areas known to have existing federally authorized civil works projects in the area. (see attached map). Hence, upon our receipt of your Joint Permit application from DNR, a copy will be forwarded by this office to the appropriate Operations Manager (OD-F) with this District, who has oversight of this area and will review your application as to the need for Section 408 Approval/Permission.</p> <p>5. It appears that your project involves the discharge of dredge or fill material into waters of the U.S., therefore a state Water Quality Certification may be required from the LA Department of Environmental Quality. If it is determined that an individual certification is required from DEQ for the proposed work, a copy of your Joint Permit application will be forwarded by us to that agency, for their review and processing.</p> <p>6. Our permit decision reflects the national concern for both protecting and utilizing important resources such as those potentially affected by the project. According to the Section 404(b)(1) Guidelines, a permit cannot be issued for a non-water dependent activity if there is a feasible less damaging alternative available. Since the proposed activity may be located within a wetland, it must comply with criteria outlined in our Guidelines for Specification of Disposal Sites for Dredge or Fill Material (40 CFR Part 230). Specifically, Section 230.10 (a) requires that no discharge of dredge or fill material shall be granted if there is a less damaging practicable alternative to the proposed discharge. Where the applicant can demonstrate a lack of practicable alternatives, reveal the public and/or private benefit of the proposed project, and the authorization is not contrary to the overall public interest, a permit can usually be issued. Prior to permit issuance, we must determine that impacts have been avoided to the maximum extent practicable, remaining unavoidable impacts are minimized, and a</p>	<p>comply with the wetland permit requirements, including mitigation, as issued by the USACE. A Joint Permit application will be used.</p> <p>4. Acknowledged. A Joint Permit application will be used.</p> <p>5. Acknowledged. During wetland permit activities, the DOE would acquire a Water Quality Certification from the LDEQ if deemed necessary. A Joint Permit application will be used.</p> <p>6. Acknowledged. An alternatives analysis would be submitted as part of the wetland permit application and would outline the proposed project alternatives reviewed for this project. The project alternatives included avoidance alternatives (i.e., horizontal directional drilling, etc.), alternatives which were evaluated and not advanced for further consideration, the alternative selected, and the No Build Alternative. The description of the alternative selected would include the rationale for the alignment chosen as well as construction methodologies. The alternatives</p>



COMMENT/RESPONSE SUMMARY

PROJECT: Brine Disposal Pipeline Replacement Project associated with the Strategic Petroleum Reserve, West Hackberry Facility, Hackberry, Louisiana			PROJECT NO.: DOE/EA-2039	DOCUMENT: Environmental Assessment
COMMENTS	DOE RESPONSE			
COMMENTS	DOE RESPONSE			
mitigation plan is developed to compensate any unavoidable loss of aquatic resources. Thank you, and feel free to contact me if you have any questions.	analysis would describe avoidance and/or minimization of impacts as well as any designated mitigation for unavoidable impacts resulting from the proposed project. The proposed project would comply with the Section 404(b)(1) Guidelines and 40 CFR 230.			
The professional staff of the Louisiana Department of Wildlife and Fisheries (LDWF) has reviewed the above referenced notice for the installation of 2.1-mile, 24-inch brine disposal pipeline in Cameron Parish, Louisiana. Based upon this review, the following has been determined: 1. It is anticipated that the proposed activity will have minimal or no long-term adverse impacts to wetland functions and, therefore, we have no objection provided that adequate erosion/sediment control measures are implemented to insure no sediments or other activity related debris are allowed to enter adjacent wetlands or waters. Accepted measures include the proper use of silt fences, straw bales, seeding or sodding of exposed soils or other Environmental Protection Agency construction site storm water runoff control best management practices. These measures shall be installed before commencement of construction activities and maintained until the site is fully developed. 2. Ensure that the applicant provides adequate and appropriate mitigation for impacts to wetland functions. The Louisiana Department of Wildlife and Fisheries submits these recommendations to the U.S. Army Corps of Engineers in accordance with the provisions of the Fish and Wildlife Coordination Act (16 U.S.C. 661 et seq.). Please do not hesitate to contact Habitat Section biologist Zachary Chain at 225-763-3587 should you need further assistance.	1. Temporary and long-term water quality impacts are not anticipated as a result of the proposed project as the LDEQ's recommended BMPs or similar equivalent BMPs would be implemented to prevent any degradation to water quality as a result of this proposed project. BMPs consistent with the SPR Pollution Prevention Plan (Publication ASL5400.41), Version 10.0 (08-02-16), would address erosion control, sedimentation control, and post-construction total suspended solids. See EA Section 4.1.3. 2. All wetland permitting and/or coordination including potential mitigation would be completed at a later date with the US Army Corps of Engineers (USACE). No work would be completed in waters of the US, including wetlands, until a permit from the USACE was received. The DOE would comply with the wetland permit requirements, including mitigation, as issued by the USACE. See EA Section 4.8 & 4.12.			



COMMENT/RESPONSE SUMMARY

PROJECT: Brine Disposal Pipeline Replacement Project associated with the Strategic Petroleum Reserve, West Hackberry Facility, Hackberry, Louisiana			PROJECT NO.: DOE/EA-2039	DOCUMENT: Environmental Assessment
COMMENTS	DOE RESPONSE			
COMMENTS	DOE RESPONSE			
Phil Boggan, State Historic Preservation Officer	Office of Cultural Development	12/21/2016	No known historic properties will be affected by this undertaking. Therefore, our office has no objection to the implementation of this project. This effect determination could change should new information come to our attention.	Acknowledged.
Jeff Harris, Consistency Section	Louisiana Department of Natural Resources, Office of Coastal Management	12/22/2016	Thank you for forwarding the Notice of Availability for the referenced Draft Environmental Assessment. By letter of September 15, 2016, the Louisiana Department of Natural Resources, Office of Coastal Management (OCM) submitted preliminary comments regarding this project to Mr. William Gibson of the Department of Energy. We also discussed OCM’s concerns in a teleconference with Mr. Gibson and other DOE and contractor representatives on October 5, 2016. As noted in those earlier communications, the Department of Energy must submit a consistency determination for the proposed activity. This determination should clearly describe the measures to be taken to avoid and minimize impacts to wetlands, and should specifically state that the existing pipeline and associated infrastructure will be removed upon the decommissioning of the Strategic Petroleum Reserve Hackberry facility, if not earlier. Because this project will also require review by the Army Corps of Engineers-New Orleans District, I recommend that your consistency determination be submitted using the online Joint Permit Application (http://workflow.dnr.state.la.us/sundown/cart_prod/pkg_dnr_wf.initiate). We appreciate your efforts at early coordination. Please contact me if you have any questions.	Acknowledged. The DOE will submit a consistency determination for the proposed activity. See EA Section 4.8 and 4.13. A Joint Permit application will be used.
Virginia F. Fay, Assistant Regional Administrator	National Marine Fisheries Administration, Habitat Conservation Division	1/20/2017	NOAA’S National Marine Fisheries Service (NMFS) has received the draft Environmental Assessment (EA) from the Department of Energy (DOE) for the proposed “Brine Disposal Pipeline Project, West Hackberry Facility” (DOE EA-2039) dated December 2016. The DOE proposes to replace an existing brine disposal pipeline between the Strategic Petroleum Reserve West Hackberry facility and associated brine injection wells near Hackberry in Cameron Parish, Louisiana.	Acknowledged.



COMMENT/RESPONSE SUMMARY

PROJECT: Brine Disposal Pipeline Replacement Project associated with the Strategic Petroleum Reserve, West Hackberry Facility, Hackberry, Louisiana			PROJECT NO.: DOE/EA-2039	DOCUMENT: Environmental Assessment
COMMENTS	DOE RESPONSE			
<p>Comments to the notice of intent to issue an EA were provided by letter dated September 12, 2016. The DOE is requesting comments on the draft EA for this proposed action.</p> <p>Section 4.12 of the draft EA states EFH is not present at the project site, but acknowledges estuarine species are present in wetlands being impacted by the project. Wetlands potentially impacted by construction of the project consist of saline to brackish marsh vegetated with saltgrass, smooth cordgrass and marshhay cordgrass. Tidally influenced wetlands connected to Black Lake and Browns Lake are designated as essential fish habitat (EFH) for postlarval and/or juvenile life stages of white shrimp, brown shrimp, gray snapper, lane snapper, and red drum. Specifically, the tidal creek connected to Black Lake between Johnson Road and Maggie Hebert Road, and the waterbody south of Maggie Hebert Road connected to Browns Lake where the project ends are EFH, as well as all wetlands tidally connected to them. Primary categories of EFH which may be in the project include estuarine emergent wetlands, estuarine water column, and estuarine mud bottoms. We recommend the final EA fully describe the use of various habitats in the project area by these species.</p> <p>The DOE is required to conduct EFH consultations under provisions of the Magnuson-Stevens Fishery Conservation and Management Act. To fully address EFH impacts and estuarine-dependent fisheries of the project area, we recommend the final EA expand Section 4.12 to include a complete EFH assessment. An EFH Assessment must include: (1) a description of the proposed action, (2) an analysis of the effects, including cumulative effects, of the action of EFH, the managed species, and associated species by life history stage, (3) the Federal agency’s views regarding the effects of the action on EFH, and (4) proposed mitigation, if applicable. If appropriate, the assessment should also include the results of an on-site inspection, the views of recognized experts on the habitat or species affected, a literature review, an analysis of alternatives to the proposed action, and any other relevant information.</p> <p>The NMFS recommends a section titled “Mitigation” be included in the final EA which discusses measures to avoid, minimize, and offset impacts to EFH and non-tidal</p>	<p>According to the NMFS EFH Mapper no designated EFH, HAPC or EFHA were identified within the project limits; however, with the information provided from NMFS, the following fish and shrimp species and their habitat may be present in the project area during post-larval and/or juvenile life stages: white shrimp, brown shrimp, gray snapper, lane snapper and red drum. Although not listed on the EFH Mapper, EFH for these species may include: estuarine emergent wetlands, estuarine water column and estuarine mud bottoms. NMFS information was included in the EA Section 4.12.</p> <p>Comments are addressed as follows: NMFS information was included in the EA Section 4.12, (1) a description of proposed action is described in Section 3.0 of the EA document, (2) the effects of the proposed project on EFH was reviewed, (3) the DOE view is that no long-term impacts to EFH would result from the implementation of the proposed project as all areas would be returned to pre-construction grade after completion of the proposed project; impacted areas would be allowed to revegetate; additional efforts, such as supplemental plantings to be accomplished within a specified time frame following project completion, may be included in a mitigation plan for the project, and (4) mitigation for unavoidable impacts to EFH</p>			



COMMENT/RESPONSE SUMMARY

PROJECT: Brine Disposal Pipeline Replacement Project associated with the Strategic Petroleum Reserve, West Hackberry Facility, Hackberry, Louisiana			PROJECT NO.: DOE/EA-2039	DOCUMENT: Environmental Assessment
COMMENTER'S NAME, TITLE	AGENCY	DATE RECEIVED	COMMENTS	DOE RESPONSE
Virginia F. Fay, Assistant Regional Administrator	National Marine Fisheries Administration, Habitat Conservation Division	1/20/2017	<p>wetlands. The final EA should not assume all wetland areas disturbed “temporarily” by installation of the pipeline will return to pre-existing conditions. Rather, the final EA should include a monitoring plan to evaluate the degree to which areas impacted by project implementation recover from construction activities. Additionally, the EA should discuss compensatory mitigation alternatives for all wetland areas which do not fully recover from project implementation. Section 4.8.3 states mitigation plan finalization will take place during the permitting process with the U.S. Army Corps of Engineers. The final EA should acknowledge this mitigation plan will be coordinated with NMFS and EFH impacts will be mitigated in-kind.</p> <p>We appreciate your consideration of our comments and request notification once the final EA is published. If you wish to discuss this project further or have questions concerning our recommendations, please contact Brandon Howard at (225) 389-0508, extension 207.</p>	<p>and tidal/non-tidal wetlands would be included in the wetland permitting process with the USACE. A Joint Permit application will be used.</p> <p>A “Mitigation” Section was not added to the EA as any potential mitigation is discussed in the Environmental Consequences section of each Section 4.0 Affected Environment area of the EA as appropriate.</p> <p>Coordination with resource agencies, such as NMFS, USFWS, LDWF, etc., during the wetland permitting process would occur as a collaborative effort to review the wetland permit application for wetland functions/resources, EFH resources and other coastal resources as appropriate. A Joint Permit application will be used.</p>
Karen L. Clement, Assistant Operation Manger, Completed Works	U.S. Army Corps of Engineers, New Orleans District	01/23/2017	<p>Please take this email as our official Solicitation of Views response.</p> <p>This is in response to the Solicitation of Views request dated December 12, 2016, from S&B Infrastructure, Ltd., on behalf of the US Department of Energy, concerning the SPR West Hackberry Brine Disposal Pipeline Replacement Project, in Cameron Parish, Louisiana.</p> <p>We have reviewed your request for potential Department of the Army regulatory requirements and impacts on any Department of the Army projects. We do not anticipate any adverse impacts to any Corps of Engineers projects.</p> <p>Based on the information provided, we have determined that information and signatures obtained from recent maps, aerial photography, and local soil surveys concerning the proposed project are indicative of the occurrence of waters of the U.S., including wetlands. Department of the Army (DA) permits are required prior to the deposition and/ or redistribution of dredged or fill material into jurisdictional waters and wetlands.</p>	<p style="text-align: center;">Acknowledged.</p> <p>All wetland permitting and/or coordination including potential mitigation would be completed at a later date with the USACE. No work would be completed in waters of the US, including wetlands, until a permit from the USACE is received. The DOE would comply with the wetland permit requirements, including mitigation, as issued by the USACE. A Joint Permit application will be used.</p>



COMMENT/RESPONSE SUMMARY

PROJECT: Brine Disposal Pipeline Replacement Project associated with the Strategic Petroleum Reserve, West Hackberry Facility, Hackberry, Louisiana			PROJECT NO.: DOE/EA-2039	DOCUMENT: Environmental Assessment
COMMENTS	AGENCY	DATE RECEIVED	COMMENTS	DOE RESPONSE
Karen L. Clement, Assistant Operation Manger, Completed Works	U.S. Army Corps of Engineers, New Orleans District, Operations Division	01/23/2017	<p>This determination is advisory in nature. If an accurate delineation is needed, please furnish us with the field data concerning vegetation, soils, and hydrology that we require for all jurisdictional decisions. The fact that a field wetland delineation/determination has not been completed does not alleviate your responsibility to obtain the proper DA permits prior to working in jurisdictional waters, including wetlands occurring within the project site.</p> <p>Off-site locations of activities such as borrow, disposals, haul- and detour-roads and work mobilization site developments may be subject to Department of the Army regulatory requirements and may have an impact on a Department of the Army project. You should apply for said permit well in advance of the work to be performed. The application should include sufficiently detailed maps, drawings, photographs, and descriptive text for accurate evaluation of the proposal.</p> <p>Please contact Mr. Michael Windham, of our Regulatory Branch by telephone at (504) 862-1235, or by e-mail at Michael.J.Windham@usace.army.mil for questions concerning wetlands determinations or need for on-site evaluations. Questions concerning regulatory permit requirements may be addressed to Mr. Darrell Barbara by telephone at (504) 862-2260 or by email at Darrell.Barbara@usace.army.mil.</p> <p>Future correspondence concerning this matter should reference our account number MVN-2016-01237-SK. This will allow us to more easily locate records of previous correspondence, and thus provide a quicker response.</p>	Acknowledged.