APPENDIX B

SPILL PREVENTION AND RESPONSE PLAN
Bayou Bridge Pipeline, LLC

BAYOU BRIDGE PIPELINE PROJECT

SPILL PREVENTION AND RESPONSE (SPAR) PLAN

January 2017
1.0 GENERAL DESCRIPTION OF SPILL PREVENTION AND RESPONSE PLAN

Bayou Bridge Pipeline, LLC (BBP) has prepared a Spill Prevention and Response (SPAR) Plan which is designed to minimize hazards to human health and/or the environment from any unplanned sudden or non sudden releases of oils, toxic, hazardous, or other polluting materials to the air, soil, surface water or groundwater. BBP through its Contractors and Inspectors shall be responsible for the administration and implementation of this plan. This plan is intended to provide minimum requirements for spill prevention and response during construction activities. The Contractor may develop their own spill prevention and response plan or use an existing plan provided that the plan used contains, at a minimum, all of the provisions of BBP’s SPAR Plan.

This plan identifies the:

- Measures taken for spill preparedness and prevention;
- Emergency response procedures describing the actions that BBP and Contractor personnel will take in response to leaks, spills, or discharges of oil and hazardous substances/materials;
- Designated emergency coordinator(s) and his/her responsibilities;
- Spill incident reporting procedures; and
- Contact numbers for the local police and fire departments, hospitals, and state and local emergency planning committees.

Prior to the start of construction in an area, the Contractor shall designate storage, refueling, loading, and unloading locations which minimize the environmental and safety impacts associated with releases of fuel, lubricants, or hazardous substances. These areas will be designated using the following guidelines.

- Refueling shall not occur within 100 feet of a waterbody or in an upland area at least 100 feet from a wetland boundary without BBP Environmental Inspector coordination and approval.
- Hazardous materials, including chemicals, fuels, and lubricating oils, shall not be stored within 100 feet of a wetland, waterbody, or designated municipal watershed area without BBP Environmental Inspector coordination and approval.
- Refueling and storage of hazardous materials, including chemicals, fuels, and lubricating oils is prohibited within 200 feet of private wells and 500 feet of community and municipal wells.
- No potentially hazardous materials, other than essential equipment fuels (gasoline, diesel, etc.) or standard lubricants (engine oils, grease, etc.) shall be transported into the right-of-way or construction area without BBP Environmental Inspector coordination and approval.

**CONTRACTOR will be required to comply with all applicable requirements of the 40 CFR 112, Oil Pollution Prevention, for any facility set up for the storage of fuel, oil, or other hydrocarbons, or refueling of vehicles and equipment, if the facility triggers compliance with the rule. This would include the development and implementation by CONTRACTOR of a Spill Prevention, Control, and Countermeasures (SPCC) Plan if necessary.**
2.0 SPILL AND LEAK PREVENTION AND PREPAREDNESS

2.1. PREVENTION AND PREPAREDNESS

The Contractor will take the following precautions to prevent a spill from occurring and to be prepared in the event that a spill does occur.

2.1.1. Containers

- All containers shall be stored on pallets and surrounded with temporary containment. Small cans of gasoline, diesel, solvents, etc., should be stored within the temporary containment when not in use.
- No incompatible materials shall be stored in the same containment area.
- Containment areas shall be capable of containing 110% of the volume of the largest container in the storage area plus sufficient freeboard for rainfall.
- All container storage areas shall be inspected daily for leaks and deterioration.
- Leaking and/or deteriorated containers shall be replaced as soon as the condition is first detected.
- No storage area shall be unattended for periods longer than (1) day.

2.1.2. Tanks

- The contractor shall operate only those tanks for fuel and material storage which meet the approval of BBP. Single wall tanks shall be provided with temporary containment as described in Section 2.1.1 for containers.
- Self-supporting tanks shall be constructed of carbon steel or other materials compatible with the contents of each tank.
- All tanks and storage areas shall be inspected daily for leaks and deterioration.
- Vehicle mounted tanks shall be equipped with flame/spark arrestors on all vents to ensure that self ignition does not occur.
- Tanks will not be used to store incompatible materials in sequence unless first thoroughly decontaminated.

2.1.3. Loading/Unloading Areas

- Transferring of liquids and refueling shall only occur in pre-designated locations at least 100 feet from all waterbodies and wetlands, 200 feet from any water well, and 500 feet from municipal or community water supply wells unless prior approval is obtained from the BBP Environmental Inspector.
- All loading/unloading areas will be inspected for spills prior to and immediately after each use and closely monitored during use to prevent leaks and spills, and ensure immediate response in the event of a spill.
- All hose connections shall be inspected for leaks. If leaks should occur, the operation shall cease until the leak is repaired or a containment pan is placed under the leaking connection.
2.1.4. Spill Response Kits

- Any service vehicle used to transport lubricants and fuel must be equipped with an oil spill response kit adequately stocked to respond to a minor oil/fuel spill event.
- Chemical spill response kits, adequately stocked to respond to a minor chemical spill event, shall be available in areas where appropriate.
- Additionally, spill response kits shall be available on the right-of-way and on or near operating equipment as deemed appropriate by the BBP Environmental Inspector.
- Equipment such as hydraulic track hoes and hydraulic pumps that could fail and cause a reportable spill must be equipped with an oil spill response kit adequately stocked to respond to a minor oil/fuel spill event.

2.2. EMPLOYEE TRAINING

All personnel involved in the construction of the proposed facilities will be trained on the contents of the SPAR Plan. Training briefings will be conducted by the Contractor Superintendent or his designee and the BBP Environmental Inspector on the job site.

2.3. SPILL RESPONSE EQUIPMENT

The construction project will have adequate manpower and equipment necessary to divert any spill from reaching waterbodies and wetland areas. Emergency equipment may include, but is not limited to, shovels, backhoes, dozers, front-end loaders, oil absorbent booms, pillows, socks and/or mats and chemical absorbent pulp, pillows, socks and/or mats.

3.0 INITIAL SPILL RESPONSE PROCEDURES

This section provides a description of spill response procedures to be performed to address spills that occur during this construction project.

3.1. COMPANY AND CONTRACTOR RESPONSIBILITIES

The Contractor and BBP on-site personnel have responsibilities for spill prevention and response. In addition to the oversight of initial spill response activities, BBP’s Environmental Inspector and Environmental Project Manager will determine if state and/or federal notifications are required and make notification accordingly.

The Contractor will have a designated Environmental Coordinator for the site. The Contractor’s Environmental Coordinator will be responsible for the Contractor’s initial spill response activities. The responsibilities of the Contractor and BBP will be as follows:

3.1.1. Contractor Responsibilities

- The Contractor will be responsible for taking immediate action to safely control and contain any spills or releases of oil, petroleum products, and hazardous substances/materials.
- All spills or releases (including any sheen created on water or releases to the atmosphere) must be reported immediately to the BBP Environmental Inspector. The
Contractor shall supply necessary manpower and equipment to control, contain, and clean up all spills and releases resulting from their operations.

3.1.2. BBP Environmental Inspector Responsibilities

- BBP’s Environmental Inspector or his designee will be responsible for making appropriate agency notifications of spills and releases.
- BBP will be responsible for the oversight of the initial spill response activities.
- BBP will provide supporting personnel and equipment to address releases as required.
- In the event of a spill the Environmental Inspector shall obtain as much information as possible regarding the cause of the event, the type and amount of material spilled or released, and corrective measures or response activities being taken.
- Consult the BBP Environmental Project Manager immediately and determine if the spill or release is a reportable event. The Environmental Inspector will also notify the BBP Field Construction Office for releases of:
  - One pound or more of a solid material;
  - Five gallons or more of a liquid material;
  - Any spill to water, including any sheen on water.
- Obtain a copy of the Contractor’s written spill report as soon as it is available and forward a copy to the Environmental Project Manager.

3.1.3. BBP Environmental Project Manager Responsibilities

- Upon receiving spill information from the Environmental Inspector, determine if the release requires reporting to any federal, state, or local regulatory agencies.
- If reporting is required, direct the Environmental Inspector to notify the appropriate regulatory agencies. This includes both verbal and any follow-up written reports.
- Contact outside remediation services if necessary, in coordination with the BBP Environmental Inspector, to assist with incidents which require additional resources.

3.2. UNPLANNED AND PLANNED CRUDE OIL RELEASES

3.2.1. Unplanned Crude Oil Releases

Unplanned crude oil releases are reportable events in some of the states that BBP operates in. In the event that an unplanned release of crude oil occurs during activities related to the project the Contractor shall immediately notify the BBP Environmental Inspector of the event.

3.2.2. Planned Crude Oil Releases

Some of the states that BBP operates in require prior notification and/or approval for planned releases of crude oil to the atmosphere such as blowdowns. In the event that a planned release of crude oil is scheduled to occur during activities related to the project the Contractor shall contact
the BBP Environmental Inspector a minimum of two weeks prior to the event and confirm that
notifications have been made and/or approvals obtained if required.

3.3. SPILL CLEAN-UP AND WASTE DISPOSAL

Spill clean-up and subsequent waste disposal of contaminated media will be the responsibility of
the Contractor subject to the approval of the BBP Environmental Project Manager.

4.0 KEY EMERGENCY CONTACTS

The key personnel who will be contacted in the event of an emergency or spill incident
include the following: (Information to be supplied prior to construction.)

I. BBP Emergency Contacts

1. BBP Emergency Coordinator
2. Field Construction Office
3. Environmental Project Manager: C. Gus Borkland, O: 610-859-5419; C: 215-620-5934
4. Area Office (in case of pipeline liquid spills)

II. Contractor Emergency Contact

1. Contractor Emergency Coordinator

III. Federal Authorities

1. EPA – National Response Center: 1-800-424-8802

IV. State Authorities

1. Louisiana Oil Spill Coordinator’s Office: 877-925-6595

V. Local Authorities

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<td>Parish Police (Calcasieu Parish Sheriff)</td>
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<td>337-474-6370</td>
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<td>337-721-3800</td>
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<td>337-616-7000</td>
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APPENDIX C

INSPECTION FORMS AND INSTRUCTIONS
Signature of Inspector: ____________________________________________
Printed Name of Inspector: _______________________________________
Title of Inspector: _______________________________________________
Qualifications of Inspector: _______________________________________
Date: __________________________________________________________________

Current Weather Information: _______________________________________
Weather Information Since Last Inspection:
Beginning Date/Time of Last Storm Event: ________________________________
Duration of Last Storm Event: ________________________________________
Amount of Rainfall: __________________________________________________

Discharges Since Last Inspection/Storm Event: ____________________________

NOTE: Inspection documents are to be maintained for a minimum of 3 years.
Earth Dikes/Berms

Is the dike stabilized? ________________________________

______________________________

______________________________

Is there evidence of washout or over-topping? ________________________________

______________________________

______________________________

If water is present in the drainage ports, does it:
- Have a sheen on it? ________________________________
- Have an acceptable TDS? ________________________________
- Show excessive turbidity? ________________________________

Maintenance required for Earthen Dike: ________________________________

______________________________

______________________________

To be performed by: ________________________________  On or before: ________________________________

NOTE: Modifications to control measures **must** be made no more than 7 days after the inspection.
PROJECT
STORM WATER POLLUTION PREVENTION PLAN

INSPECTION AND MAINTENANCE REPORT

Roads and Locations Where Vehicles Enter or Exit the Construction Site

Are sediment traps or barriers along road construction zones preventing runoff into adjacent wetlands, lakes, etc.? __________________________

________________________________________________________________________

________________________________________________________________________

At locations where construction equipment exits onto paved roads, are the existing best management practices successfully minimizing off site tracking of sediments? __________________

________________________________________________________________________

________________________________________________________________________

Maintenance Required: ___________________________________________________

________________________________________________________________________

________________________________________________________________________

To be performed by: ___________________________ On or before: __________________

NOTE: Modifications to control measures **must** be made no more than 7 days after the inspection.
Straw Bale and Filter Fence Barriers

Do the barriers have tears or holes in them? ____________________________

Are there any missing barriers? ____________________________

Are the barriers properly aligned? ____________________________
Where sediment has reached one-third the height of the barrier, has it been removed? ______

Have straw bales with excessive sediment saturation been replaced? ____________________________

Maintenance required for barriers: __________________________________________

To be performed by: ____________________________ On or before: ____________________________

SWPPP Upgrades:

If any deficiencies in pollution control structures or procedures were identified above, have those deficiencies been corrected and the Storm Water Management Plan modified, if appropriate? Explain.

________________________________________

________________________________________

________________________________________

NOTE: Modifications to control measures **must** be made no more than 7 days after the inspection.
PROJECT
STORM WATER POLLUTION PREVENTION PLAN

INSPECTION AND MAINTENANCE REPORT

**General**

Have there been any uncontrolled releases of mud or muddy water or measurable quantities of sediment found off site? ___________ Yes  ___________ No

If Yes, describe measures taken to clean up fugitive sediment: ____________________________

__________________________________________________________________________

__________________________________________________________________________

__________________________________________________________________________

__________________________________________________________________________

__________________________________________________________________________

If Yes, describe measures taken to prevent a future occurrence: ____________________________

__________________________________________________________________________

__________________________________________________________________________

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__________________________________________________________________________

__________________________________________________________________________
# PROJECT
**STORM WATER POLLUTION PREVENTION PLAN**

## INSPECTION AND MAINTENANCE REPORT

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<th>Date Filled</th>
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**NOTE:** If signs of erosion become apparent, stabilize by backfilling and leveling and use of mulch, sod, seeding, or other means of preventing further erosion.

Date: ______________________  Inspector’s Name (Print and Initial) ________________________________
Maintenance required for:

________________________________________________________________________

________________________________________________________________________

To be performed by: ___________________________ On or before: ________________

NOTE: Modifications to control measures **must** be made no more than 7 days after the inspection.

NOTE: Inspection documents are to be retained for a minimum of 3 years.

NOTE: Check flowline trenches for the following:

Settlement below natural grade

Washouts of spoil along excavated trenches

Muddy/contaminated rainwater

Placement of spoil upslope of trench
Unanticipated Discoveries Plan Cultural Resources, Human Remains, and Contaminated Media
UNANTICIPATED DISCOVERIES PLAN
CULTURAL RESOURCES, HUMAN REMAINS
AND CONTAMINATED MEDIA

Bayou Bridge Pipeline Project

A. INTRODUCTION

Bayou Bridge Pipeline, LLC (BBP) proposes to construct an approximately 162.68-miles of new 24-inch diameter crude oil pipeline that will commence south of Lake Charles, Louisiana in Calcasieu Parish, Louisiana and will terminate near St. James, Louisiana in St. James Parish, Louisiana. The proposed Project also involves the construction of two pump stations in Jefferson Davis and St. Martin parishes, Louisiana and other ancillary facilities along the proposed pipeline. This document describes the procedures for dealing with unanticipated discoveries during the course of project construction. It is intended to:

- Maintain compliance with applicable Federal and State laws and regulations during construction of the Project;
- Describe to regulatory and review agencies the procedure the Project or its representative will follow to prepare for and deal with unanticipated discoveries; and,
- Provide direction and guidance to project personnel as to the proper procedure to be followed should an unanticipated discovery occur.

B. PROCEDURES FOR THE UNANTICIPATED DISCOVERY OF CULTURAL RESOURCES

In the event that a tribal monitor or any member of the construction work force believes that a cultural resource discovery is encountered the following plan will be implemented:

1. All work within 100 feet of the discovery will immediately stop and the Environmental Inspector and the tribal Section 106 Compliance Coordinator will be notified. The area of work stoppage will be adequate to provide for the security, protection, and integrity of the materials. A cultural resource can be prehistoric or historic and could consist of, but not be limited to, for example:
   - An accumulation of shell, burned rocks, ceramics or other subsistence related materials
   - An area of charcoal or very dark soil with artifacts
   - Stone tools, arrowheads, or dense concentrations of stone artifacts
   - A cluster of bones in association with shell, charcoal, burned rocks, stone artifacts, ceramics, or other culturally-modified items. A historic structure or assemblage of historic materials older than 50 years

2. If the project archaeologist, tribal monitor, and tribal Section 106 Compliance Coordinator
all concur that the discovery is a cultural resource, then the Environmental Inspector will take appropriate steps to protect the discovery site. This will include flagging the immediate area of discovery and stop work or exclusion zone, as well as notifying the Environmental Project Manager and/or Company Representative and the Coushatta THPO. Work in the immediate area will not resume until treatment of the discovery has been completed.

3. BBP or its representative will arrange for the discovery to be evaluated by a qualified archaeologist and the Coushatta Heritage Department. The Coushatta Heritage Department and the archaeologist will evaluate the cultural material and provide recommendations for management of the resource under the appropriate State and Federal Historic Preservation Plan.

4. The Coushatta Tribe and the project archaeologist will seek consultation with the SHPO and the United States Army Corps of Engineers (USACE) New Orleans District regarding the National Register eligibility status of the discovery. If the discovery is determined to have the potential for eligibility, the archaeologist and Coushatta Heritage Department will consult with the SHPO and USACE regarding development of the mitigation plan to be implemented. Treatment measures may include mapping, photography, sample collection, or excavation activity.

5. The project archaeologist will implement the appropriate treatment measure(s) and provide a report on its methods and results. The investigation and technical report will be performed in compliance with the Secretary of the Interior's Standards and Guidelines for Archaeological Documentation (48 CFR 44734--44737); the Advisory Council on Historic Preservation (ACHP) publication "Treatment of Archaeological Properties" (ACHP 1980); and follow the guidelines set forth by the applicable State(s) Historic Preservation Office.

C. PROCEDURES FOR THE UNANTICIPATED DISCOVERY OF HUMAN REMAINS

In the event that human remains are encountered during either construction or maintenance activities, the following plan outlines the specific procedures to be followed. These procedures meet or exceed the Policy Statement Regarding Treatment of Burial Sites, Human Remains, and Funerary Objects adopted by the ACHP, “Protection of Historic and Cultural Properties” (36 CFR Part 800); Procedures for the Protection of Historic Properties (33 CFR 325 Appendix C); the Archaeological and Historic Preservation Act, and Louisiana Unmarked Human Burial Sites Preservation Act (R.S. 8:671-683).

All activity that might disturb the remains shall cease and may not resume until authorized by appropriate law enforcement officials or the State Archaeologist. Any human remains, burial sites, or burial related materials that are discovered during construction will at all times be treated with dignity and respect.

1. The Site Manager or project archaeologist, if present, will notify BBP’s Project Manager, the law enforcement agency, and the coroner of the jurisdiction where the site or remains are located within two days of the discovery. The State Archaeologist will also be contacted to assist with identifying the remains.
2. Any activity that may disturb the unmarked burial site, human skeletal remains, or burial artifacts associated with the site will immediately cease on discovery. The site will be carefully covered and secured for protection from degradation by weather or unauthorized individuals.

3. The Environmental Inspector will be responsible for taking appropriate steps to protect the discovery. This will include fencing off the immediate area of discovery and flagging the area as an exclusion zone. No activity may resume until authorized by the agency authority governing the disposition of the human remains.

4. If the unmarked burial site, human skeletal remains, or funerary objects can be shown to have ethnic affinity with a living Native American tribe, a Company Representative will notify the SHPO and USACE to assist in determining the tribe(s), if any, who may have historic ties to the region and represent descendants of any Native American remains. If direct relations to a Native American tribe are verified, the tribe will have control of the disposition of the human skeletal remains.

5. If the District Coroner finds that the unmarked burial site is over 50 years old and that there is no need for a legal inquiry by their office or for a criminal investigation, and if no direct relations to any Native American tribe are found, then the SHPO will have jurisdiction of the site, human skeletal remains, and the burial artifacts.

6. In the event of Unanticipated Discovery and subsequent identification of American Indian remains, tribal members and cultural practitioners will be given the opportunity to perform ceremony for these individuals who have had their final journey interrupted.

D. PROCEDURES FOR THE DISCOVERY OF CONTAMINATED MEDIA

Indicators of possible contamination include, but are not limited to:

- Buried drums or containers, rusted or in otherwise poor condition
- Stained or otherwise discolored soil (in contrast to adjoining materials)
- Spoil material containing debris other than obvious construction material
- Chemical or hydrocarbon odors emanating from excavations
- Oily residues
- Visible sheen or other discoloration on groundwater
- Structures such as pipelines (concrete, PVC or steel) or underground storage tanks.

The EI and appropriate contractor personnel will be trained in hazard identification and worker protection and these topics will be discussed regularly in safety meetings. A contamination assessment including strategic sampling of soil and groundwater along the Project route indicated that no contamination will be encountered during construction. However pre-construction inspections shall be conducted prior to beginning work in each area of the project. In the event that contamination is encountered the following activities should take place:

1. Immediately cease construction activities within that area and notify the Environmental Inspector and Project Environmental Manager. Work in the immediate area will not resume until an assessment of the discovery has been completed and the Company has released the site. If safe to do so, the Environmental Inspector will take appropriate steps to mark (flag) off the area to identify the exclusion zone. Work in the immediate area will not resume.
until an assessment discovery has been completed.

2. If potentially contaminated groundwater or soil reaches (or has the potential to reach) surface waters, booms and/or absorbent materials shall be immediately deployed to contain and reduce downstream migration of the spilled material.

3. Upon notification, the Project Environmental Manager will perform or direct a hazard assessment to determine appropriate control measures to be implemented at the specific site. Activities may include sampling vapors, soil, sediments, groundwater, and/or wipe samples of materials.

4. If warranted by the assessment, the Project Environmental Manager will notify appropriate Federal, State and Local agencies.

5. Upon evaluation of the sampling results, additional notifications may be made to coordinate a work plan for measures to be implemented in the contaminated area to resume activities in a safe, environmentally compliant, and effective manner. Measures may include additional personal protective equipment, segregation of contaminated media, treatment or off-site disposal of contaminated media.

6. All identification /characterization, handling, labeling, storage, manifesting, transportation, record keeping, and disposal of potentially contaminated materials shall be conducted in accordance with all applicable federal, state, and local regulations and guidance.

E. PROJECT CONTACTS

Environmental Inspector
Attn: TBD
Phone:

Chief Inspector
Attn: TBD
Phone:

Bayou Bridge Environmental Project Manager
Attn: C. Gus Borkland
Phone: (o) 610-859-5419 (c) 215-620-5934

Bayou Bridge Project Manager
Attn: Cary Farber
Phone: (o) 337-309-0525 (c) 337-475-4218

USACE New Orleans District
Attn: Trent Stockton, Archaeologist and Tribal Liaison
Phone: (o) 504-862-2550

Louisiana Office of Cultural Development
Attn: Chip McGimsey, State Archaeologist
1051 N. 3rd St., Room 319, Baton Rouge, LA 70802
Phone: 225-342-8170
<table>
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<tr>
<th>Parish</th>
<th>Sherriff</th>
<th>Address</th>
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<td>Alabama-Coushatta Tribe of Texas</td>
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<td>Caddo Nation of Oklahoma</td>
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<td></td>
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<td>The Choctaw Nation of Oklahoma</td>
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