

APPENDIX B
Agency Correspondence



St. Bernard Parish Government

8201 West Judge Perez Drive
Phone (504) 278-4200

Chalmette, Louisiana 70043
Fax (504) 278-4330

David E. Peralta
Parish President

December 3, 2013

Gregory Pyle, Chief
Choctaw Nation of Oklahoma
P. O. Drawer 1210
Durant, Oklahoma 74702

Re: Retrofit of Violet and Dravo Sewer Pump Stations
St. Bernard Parish Government
St. Bernard Parish, Louisiana

Dear Mr. Pyle:

The St. Bernard Parish Government (SBPG) has applied to the Federal Emergency Management Agency (FEMA) for Hazard Mitigation Grant Program (HMGP) funding under Section 404 of the Robert T. Stafford Disaster Relief and Emergency Assistance Act. FEMA's Hazard Mitigation Grant Program provides grants to states and local governments to implement long-term hazard mitigation measures that reduce the loss of life and property due to natural disasters and to enable mitigation measures to be implemented during the immediate recovery from a disaster.

FEMA proposes to provide funding to St. Bernard Parish for the construction of retrofitting of the Violet and Dravo Sewer Pump Stations to eliminate major surcharging during rainfall events. The proposed solutions to the surcharging problems are:

Replace the existing 6-inch force main and 10-inch gravity now pipe with a 12-inch force main from PS V1-06 to PS V1-05. This would require installing 4800 feet of 12-inch force main and would remove the load from the existing gravity sewer. This would require replacement of existing pumps and motors in V1-06 with 3-new 45hp pumps and motors. This would also require changes to the electrical supply.

Install new pump station at the south side of SA1 at the end of Allo Mumphrey Road. New station would have a well 16 x 25 x 14. The new station would require 3-new 65hp pumps and motors along with control panels and electrical service. The flow from areas south of SA1 would be diverted to the new pump station and would relieve the load going to V1-05. The new station would use the existing abandoned outfall pipe from the old Violet WWTP to carry the load to the Violet pumping station. This would require modifications at the Violet pumping station to connect the outfall pipe to the new Violet pumping station. Install new 20-inch force main 4200 feet from V1-05 to new pump

station on Allo Mumphrey Road. The force main would run 2000 feet east on E. St. Bernard Hwy and 2200 feet north on Allo Mumphrey Road to connect to the new pumping station. By redirecting the now of V1-05 from the existing outfall pipe to the new pumping station, the surcharging north of Judge Perez would be resolved by reducing the flow into the gravity flow pipe north of Judge Perez that is currently being used by the entire system.

Remove the load from V1-17 from the gravity sewer that runs along 3rd St. Install a new 10-inch force main 2300 feet from V1-17 to the new pumping station on Allo Mumphrey Road. This new force main would reduce the load on the 3rd Street gravity sewer line and resolve the surcharging in areas south of SA1. This would require 3-new 25hp pumps and motors for V1-17 and changes to the electrical system. By removing the load from V1-17 from the gravity sewer on 3rd St. the surcharging of the trunk sewer would be resolved.

The area in SA5 near the border of SA3 needs to be checked for blockages in the system or damage to pipes in the area.

The problem in the areas downstream of V1-16 in SA3 would be resolved by installing a new force main from V1-17 to the new pumping station. There would be less of a load on the 3rd St. sewer trunks which would resolve the surcharging in this area. This would also resolve the surcharging of V1-17 and in the gravity system of SA5 upstream of this pump.

In order to increase the pumping capacity at DRAVO, a 4th 250hp pump and electrical system would be installed as originally designed.

The Total Project Cost is estimated to be \$14,686,314.00. Location of each of the three major pump stations and sewer plats affected are as follows:

| <u>Site</u> | <u>Latitude</u> | <u>Longitude</u> |
|---------------------|-----------------|------------------|
| Munster Plant | 29.945257 | -89.928696 |
| Dravo Pump Station | 29.964653 | -89.975302 |
| Violet Pump Station | 29.916373 | -89.891371 |

In accordance with NEPA and the implementing regulations of the Council of Environmental Quality (40 CFR 1500-1508), the St. Bernard Parish Government is preparing an Environmental Assessment for the construction of retrofitting of the Violet and Dravo Sewer Pump Stations to eliminate major surcharging during rainfall events. Therefore, we are requesting your agency's comments to the project relative to:

1. Archaeological or Historic Sites or Properties Listed in the National Register of Historic Places or Other Significant Cultural Resources
2. Cultural Facilities Located in the Project Area

Please fax your response to 318-640-5856, email your response to danny.magee@fryemagee.com, or mail your response to the following address:

Danny H. Magee, Sr.
Frye/Magee, LLC
117 Tioga Road
Ball, LA 71405

If you should have any questions or request additional information for your review, please contact me at 318-640-1520.

Sincerely,

A handwritten signature in blue ink, appearing to read 'DAVID PERALTA', with a large, stylized flourish at the end.

DAVID PERALTA
Parish President

Enclosures



St. Bernard Parish Government

8201 West Judge Perez Drive
Phone (504) 278-4200

Chalmette, Louisiana 70043
Fax (504) 278-4330

David E. Peralta
Parish President

December 3, 2013

Ms. Linda Hardy
LA Department of Environmental Quality
Post Office Box 4303
Baton Rouge, Louisiana 70821-4303

Re: Retrofit of Violet and Dravo Sewer Pump Stations
St. Bernard Parish Government
St. Bernard Parish, Louisiana

Dear Ms. Hardy:

The St. Bernard Parish Government (SBPG) has applied to the Federal Emergency Management Agency (FEMA) for Hazard Mitigation Grant Program (HMGP) funding under Section 404 of the Robert T. Stafford Disaster Relief and Emergency Assistance Act. FEMA's Hazard Mitigation Grant Program provides grants to states and local governments to implement long-term hazard mitigation measures that reduce the loss of life and property due to natural disasters and to enable mitigation measures to be implemented during the immediate recovery from a disaster.

FEMA proposes to provide funding to St. Bernard Parish for the construction of retrofitting of the Violet and Dravo Sewer Pump Stations to eliminate major surcharging during rainfall events. The proposed solutions to the surcharging problems are:

Replace the existing 6-inch force main and 10-inch gravity now pipe with a 12-inch force main from PS V1-06 to PS V1-05. This would require installing 4800 feet of 12-inch force main and would remove the load from the existing gravity sewer. This would require replacement of existing pumps and motors in V1-06 with 3-new 45hp pumps and motors. This would also require changes to the electrical supply.

Install new pump station at the south side of SA1 at the end of Allo Mumphrey Road. New station would have a well 16 x 25 x 14. The new station would require 3-new 65hp pumps and motors along with control panels and electrical service. The flow from areas south of SA1 would be diverted to the new pump station and would relieve the load going to V1-05. The new station would use the existing abandoned outfall pipe from the

old Violet WWTP to carry the load to the Violet pumping station. This would require modifications at the Violet pumping station to connect the outfall pipe to the new Violet pumping station. Install new 20-inch force main 4200 feet from V1-05 to new pump station on Allo Mumphrey Road. The force main would run 2000 feet east on E. St. Bernard Hwy and 2200 feet north on Allo Mumphrey Road to connect to the new pumping station. By redirecting the now of V1-05 from the existing outfall pipe to the new pumping station, the surcharging north of Judge Perez would be resolved by reducing the flow into the gravity flow pipe north of Judge Perez that is currently being used by the entire system.

Remove the load from V1-17 from the gravity sewer that runs along 3rd St. Install a new 10-inch force main 2300 feet from V1-17 to the new pumping station on Allo Mumphrey Road. This new force main would reduce the load on the 3rd Street gravity sewer line and resolve the surcharging in areas south of SA1. This would require 3-new 25hp pumps and motors for V1-17 and changes to the electrical system. By removing the load from V1-17 from the gravity sewer on 3rd St. the surcharging of the trunk sewer would be resolved.

The area in SA5 near the border of SA3 needs to be checked for blockages in the system or damage to pipes in the area.

The problem in the areas downstream of V1-16 in SA3 would be resolved by installing a new force main from V1-17 to the new pumping station. There would be less of a load on the 3rd St. sewer trunks which would resolve the surcharging in this area. This would also resolve the surcharging of V1-17 and in the gravity system of SA5 upstream of this pump.

In order to increase the pumping capacity at DRAVO, a 4th 250hp pump and electrical system would be installed as originally designed.

The Total Project Cost is estimated to be \$14,686,314.00. Location of each of the three major pump stations and sewer plats affected are as follows:

| <u>Site</u> | <u>Latitude</u> | <u>Longitude</u> |
|---------------------|-----------------|------------------|
| Munster Plant | 29.945257 | -89.928696 |
| Dravo Pump Station | 29.964653 | -89.975302 |
| Violet Pump Station | 29.916373 | -89.891371 |

In accordance with NEPA and the implementing regulations of the Council of Environmental Quality (40 CFR 1500-1508), the St. Bernard Parish Government is preparing an Environmental Assessment for the construction of retrofitting of the Violet and Dravo Sewer Pump Stations to eliminate major surcharging during rainfall events. Therefore, we are requesting your agency's comments to the project relative to:

1. Water resources
2. Water Quality and Aquifers
3. Air Quality and Ambient Air Quality

Please fax your response to 318-640-5856, email your response to danny.magee@fryemagee.com, or mail your response to the following address:

Danny Magee
Frye/Magee, LLC
117 Tioga Road
Ball, LA 71405

If you should have any questions or request additional information for your review, please contact me at 318-640-1520.

Sincerely,



DAVID PERALTA
Parish President

Enclosures

From: [Johnnie L. Jacobs](#)
To: [Danny Magee](#)
Subject: ST. Bernard Parish, Retrofit of Violet and Dravo Sewer Pump Stations, St. Bernard Parish, LA
Date: Thursday, January 16, 2014 7:51:19 PM

Dear Danny,

Thank you for the correspondence regarding the above referenced project. The Choctaw Nation of Oklahoma is unaware of any Choctaw cultural or sacred sites located within the immediate project area. We believe that there should be no effects to any known historic properties and that work should proceed as planned. However, as the project is located in an area that is of general historic interest to the Tribe, we request that work be stopped and our office contacted immediately if any Native American cultural materials are encountered. This stipulation should be placed on the construction plans to insure contractors are aware of it. Please feel free to contact me with any further questions or concerns.

Thank you,

Ms. Johnnie Jacobs
NHPA Section 106 Coordinator
Choctaw Nation of Oklahoma
Historic Preservation Department
P.O. Box 1210
Durant, OK 74701
jjacobs@choctawnation.com

This message is intended only for the use of the individual or entity to which it is addressed and may contain information that is privileged, confidential and exempt from disclosure. If you have received this message in error, you are hereby notified that we do not consent to any reading, dissemination, distribution or copying of this message. If you have received this communication in error, please notify the sender immediately and destroy the transmitted information. Please note that any view or opinions presented in this email are solely those of the author and do not necessarily represent those of the Choctaw Nation.

Danny Magee

From: Linda (Brown) Hardy <Linda.Hardy@la.gov>
Sent: Monday, March 03, 2014 3:20 PM
To: Danny Magee
Cc: Yasoob Zia
Subject: DEQ SOV 131220/2300 Retrofit of Violet and Dravo Sewer Pump Stations

March 3, 2014

Danny Magee
Frye/Magee, LLC
117 Tioga Road
Ball, LA 71405
danny.magee@fryemagee.com

RE: 131220/2300 Retrofit of Violet and Dravo Sewer Pump Stations
 HMGP Funding
 St. Bernard Parish

Dear Mr. Magee:

The Assessment Division of the Office of Environmental Compliance has reviewed the information provided in your letter dated December 3, 2013, regarding the referenced project. Effective October 4, 2013, St. Bernard Parish was designated by EPA as an Sulfur Dioxide (SO₂) nonattainment parish for the 2010 Sulfur Dioxide standard (Federal Register Volume 78, Number 150 (Monday, August 5, 2013)). Federal activities proposed in St. Bernard Parish may be subject to the State's general conformity regulations as promulgated under LAC 33:III.Chapter 14, Subchapter A, *Determining Conformity of General Federal Actions to State or Federal Implementation Plans*.

In order to determine if the proposed project in St. Bernard Parish is subject to the full requirements of the general conformity regulations, the project sponsor must first make a general conformity applicability determination. This determination can be made by summing the total of direct and indirect Sulfur Dioxide (SO₂) emissions caused by the project. If the net total of SO₂ emissions is determined to be less than the prescribed *de minimis* level of 100 tons per year per pollutant, then this action will comply with the conformity provisions of Louisiana's State Implementation Plan (SIP) and the Assessment Division will not object to implementation of the project.

Please email your general conformity applicability determination to linda.hardy@la.gov. Should you have any questions regarding state rules and regulations pertaining to general conformity, please contact me at (225) 219-3803. Thank you for affording us the opportunity to comment on the proposed action.

Sincerely,

Yasoob Zia
Environmental Scientist Senior
Assessment Division

SOV #131220/2300

Linda M. Hardy

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



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 6
1445 ROSS AVENUE, SUITE 1200
DALLAS TX 75202-2733

December 20, 2013

Mr. David E. Peralta
President
St. Bernard Parish Government
8201 West Judge Perez Drive
Chalmette, LA 70043

Dear Mr. Peralta:

We have received your December 3, 2013, letter requesting our evaluation of the potential environmental impacts which might result from changes to a previously approved project:

**Retrofit Sewer Pump Stations
Violet & Dravo Pump Stations
St. Bernard Parish, Louisiana**

In administering the sole source aquifer (SSA) program under Section 1424 of the Safe Drinking Water Act our Office performs evaluations of projects with federal financial assistance which are located over a designated sole source aquifer.

Based on the information provided, we have concluded that the project does not lie within the boundaries of a designated sole source aquifer and is thus not eligible for review under the SSA program.

If you did not include the parish, project description, project location or the federal funding agency, please do so in future Sole Source Aquifer correspondence.

If you have any questions on this letter or the sole source aquifer program please contact me at (214) 665-7133.

Sincerely yours,

A handwritten signature in black ink, appearing to read "Michael Bechdol".

Michael Bechdol, Coordinator
Sole Source Aquifer Program
Ground Water/UIC Section

cc: Jesse Means, LDEQ
Danny H. Magee, Sr., Fry/Magee, LLC



Jena Band of Choctaw Indians

P. O. Box 14 • Jena, Louisiana 71342-0014 • Phone: 318-992-2717 • Fax: 318-992-8244

December 26, 2013

St. Bernard Parish Government
8201 West Judge Perez Drive
Chalmette, Louisiana 70043

Re: Retrofit Of Violet and Dravo Sewer Pump Stations
St. Bernard Parish, Louisiana

Dear Sir and Madam:

Upon review of the above referenced project, we have determined that the project activities will have "No Effect" on historic properties. We are unaware of any known sacred and/or ceremonial sites located within the immediate area. However, should any artifacts or archaeological features be encountered during the scope of said project activities, work shall cease and our office shall be consulted immediately.

Should you have any questions, please contact Mrs. Dana Masters, THPO Officer/Cultural Director, at 318-992-1205 or danammasters@aol.com.

Sincerely

A handwritten signature in cursive script that reads "Dana Masters".

Dana Masters
THPO/ Cultural Director
Council Member



BOBBY JINDAL
GOVERNOR

State of Louisiana
DEPARTMENT OF WILDLIFE AND FISHERIES
OFFICE OF WILDLIFE

ROBERT J. BARHAM
SECRETARY
JIMMY L. ANTHONY
ASSISTANT SECRETARY

Date February 6, 2014

Name Danny H. Magee, Sr.
Company Frye/Magee, LLC
Street Address 117 Tioga Rd
City, State, Zip Ball, LA 71405

Project St. Bernard Parish Government
Retrofit of Violet & Dravo Sewer Pump Stations

Project ID

Invoice Number 14020605

Personnel of the Habitat Section of the Coastal & Nongame Resources Division have reviewed the preliminary data for the captioned project. After careful review of our database, no impacts to rare, threatened, or endangered species or critical habitats are anticipated for the proposed project. No state or federal parks, wildlife refuges, scenic streams, or wildlife management areas are known at the specified site within Louisiana's boundaries.

The Louisiana Natural Heritage Program (LNHP) has compiled data on rare, endangered, or otherwise significant plant and animal species, plant communities, and other natural features throughout the state of Louisiana. Heritage reports summarize the existing information known at the time of the request regarding the location in question. The quantity and quality of data collected by the LNHP are dependent on the research and observations of many individuals. In most cases, this information is not the result of comprehensive or site-specific field surveys; many natural areas in Louisiana have not been surveyed. This report does not address the occurrence of wetlands at the site in question. Heritage reports should not be considered final statements on the biological elements or areas being considered, nor should they be substituted for on-site surveys required for environmental assessments. LNHP requires that this office be acknowledged in all reports as the source of all data provided here. If at any time Heritage tracked species are encountered within the project area, please contact the LNHP Data Manager at 225-765-2643. If you have any questions, or need additional information, please call 225-765-2357.

Sincerely,

for 
Amity Bass, Coordinator
Natural Heritage Program



State of Louisiana
DEPARTMENT OF NATURAL RESOURCES
OFFICE OF COASTAL MANAGEMENT

September 28, 2012

To whom it may concern:

The Louisiana Department of Natural Resources, Office of Coastal Management (LDNR OCM) administers the state's federally-approved Coastal Zone Management (CZM) program.

A number of federal and state agencies are involved in providing financial assistance to state and local governments, non-governmental organizations, businesses, and individuals in Louisiana. As part of their award process, many of these agencies require the applicant to coordinate with the Louisiana CZM program. This coordination is generally intended to address one of two questions: concerns about awarding the financial assistance, or concerns about implementing the proposed project.

As a result of an internal review of program functions, OCM is streamlining its financial assistance review procedure to ensure response to all requests in a timely and appropriate manner. The OCM is confident that this procedure change will greatly improve office productivity, and provide for better accountability to the public we serve. Consequently, as of October 1, 2012, the coordination with OCM concerning applications for federal financial assistance should follow the procedures below, depending on the nature of the inquiry:

Consistency review for Federal Assistance

Federal regulations at 15 CFR §930.90 *et seq.* require state and local government bodies applying for federal financial assistance (grants, loans, guarantees, insurance, contractual arrangements, or other form of financial aid) to submit a request for Consistency review of that assistance to OCM. Since the inception of the Louisiana Coastal Resources Program in 1980, OCM has never found that financial assistance for a proposed project would be inconsistent with the state Coastal Zone Management program. The Office of Coastal Management therefore is issuing this letter of general consistency concurrence, which shall serve as formal notification that, as of October 1, 2012, the granting of any financial assistance as defined at 15 CFR §930.91, is fully consistent with the Louisiana Coastal Resources Program. Federal agencies should not require applicants for financial assistance to seek OCM's approval for that assistance.

Request for Determination for project implementation

If the applicant is seeking comments on the need to obtain a Coastal Use Permit or other authorization from OCM, for projects in or near to the Louisiana Coastal Zone, a Request for Determination or Solicitation of Views should be submitted to OCM's Permits and Mitigation

Division. Instructions and downloadable and online applications are located online at <http://dnr.louisiana.gov/index.cfm?md=pagebuilder&tmp=home&pid=93>. In Step 3 of the application, the box for Request for Determination or Solicitation of Views should be checked. Questions regarding this process may be directed to the OCM Permits Section staff at (225) 342-7591 or 1-800-267-4019, or by mail at P.O. Box 44487, Baton Rouge, LA 70804.

Outside of the Coastal Zone

Projects which are clearly located outside of the Coastal Zone and are not likely to have an impact on coastal waters generally will not require coordination with the OCM. However, projects near the Coastal Zone boundary where there may be some doubt, or those which may involve discharges into waters that flow into the Coastal Zone, should be submitted to OCM for review. A map of the Coastal Zone may be found at

<http://dnr.louisiana.gov/index.cfm?md=pagebuilder&tmp=home&pid=89&pnid=0&nid=39>.

Finally, OCM may find it necessary to change or rescind the provisions of this letter. Should this become necessary, OCM will publish a public notice in the Official State Journal (The Baton Rouge Advocate) and on the DNR web page, and attempt to contact all affected federal agencies directly.

Questions concerning these procedures should be addressed to Mr. Jeff Harris of the Consistency Section, at (225) 342-7949 or via e-mail to Jeff.Harris@LA.gov.

Sincerely,



Keith Lovell
Acting Administrator
Interagency Affairs/Field Services Division

cc: Karl Morgan, P/M Division
Consistency file C20120326

rev 11/14/2012

United States Department of Agriculture



Natural Resources Conservation Service
3737 Government Street
Alexandria, LA 71302

(318) 473-7751
Fax: (318) 473-7626

December 20, 2014

Danny H. Magee, Sr.
Frye/Magee, LLC
117 Tioga Road
Ball, Louisiana 71405

RE: Retrofit of Violet and Dravo Sewer Pump Stations
St. Bernard Parish Government
St. Bernard Parish, Louisiana

Dear Mr. Magee:

The above referenced project has been reviewed for potential requirements of the Farmland Protection Policy Act (FPPA) and potential impact to Natural Resources 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 submitted with your request indicates that the proposed construction areas are within urban areas and therefore is exempt from the rules and regulations of the Farmland Protection Policy Act (FPPA)—Subtitle I of Title XV, Section 1539-1549.

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/>

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

Respectfully,


Kevin D. Norton
State Conservationist

Helping People Help the Land

An Equal Opportunity Provider and Employer



St. Bernard Parish Government

8201 West Judge Perez Drive
Phone (504) 278-4200

Chalmette, Louisiana 70043
Fax (504) 278-4330

David E. Peralta
Parish President

December 3, 2013

Ms. Pam Breaux
State Historic Preservation Officer
P. O. Box 442747
Baton Rouge, LA 70804

Re: Retrofit of Violet and Dravo Sewer Pump Stations
St. Bernard Parish Government
St. Bernard Parish, Louisiana

No known historic properties will be affected by this undertaking. This effect determination could change should new information come to our attention.

Pam Breaux

1-14-14

Pam Breaux
State Historic Preservation Officer

Date

Dear Ms. Breaux:

The St. Bernard Parish Government (SBPG) has applied to the Federal Emergency Management Agency (FEMA) for Hazard Mitigation Grant Program (HMGP) funding under Section 404 of the Robert T. Stafford Disaster Relief and Emergency Assistance Act. FEMA's Hazard Mitigation Grant Program provides grants to states and local governments to implement long-term hazard mitigation measures that reduce the loss of life and property due to natural disasters and to enable mitigation measures to be implemented during the immediate recovery from a disaster.

FEMA proposes to provide funding to St. Bernard Parish for the construction of retrofitting of the Violet and Dravo Sewer Pump Stations to eliminate major surcharging during rainfall events. The proposed solutions to the surcharging problems are:

Replace the existing 6-inch force main and 10-inch gravity now pipe with a 12-inch force main from PS V1-06 to PS V1-05. This would require installing 4800 feet of 12-inch force main and would remove the load from the existing gravity sewer. This would require replacement of existing pumps and motors in V1-06 with 3-new 45hp pumps and motors. This would also require changes to the electrical supply.

Install new pump station at the south side of SA1 at the end of Allo Mumphrey Road. New station would have a well 16 x 25 x 14. The new station would require 3-new 65hp pumps and motors along with control panels and electrical service. The flow from areas south of SA1 would be diverted to the new pump station and would relieve the load going to V1-05. The new station would use the existing abandoned outfall pipe from the old Violet WWTP to carry the load to the Violet pumping station. This would require

RECEIVED

DEC 19 2013

ARCHAEOLOGY



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

JAN 31 2014

REPLY TO
ATTENTION OF

Operations Division
Operations Manager,
Completed Works

Mr. Danny Magee
Frye/Magee, LLC
117 Tioga Road
Ball, Louisiana 71405

Dear Mr. Magee:

This is in response to your Solicitation of Views request dated December 3, 2013, concerning the retrofit of Violet and Dravo sewer pump stations, in St. Bernard 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 limited 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. Department of the Army (DA) permits are required prior to the deposition and/or redistribution of dredged or fill material into jurisdictional waters. More detailed project drawings should be submitted for a final decision regarding impacts.

Please be advised that this property is in the Louisiana Coastal Zone. For additional information regarding coastal use permit requirements, contact Ms. Christine Charrier, Coastal Management Division, Louisiana Department of Natural Resources at (225) 342-7953.

This preliminary determination is advisory in nature. If an approved delineation is needed, please furnish us with the detailed 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 wetlands or waters occurring on this property.

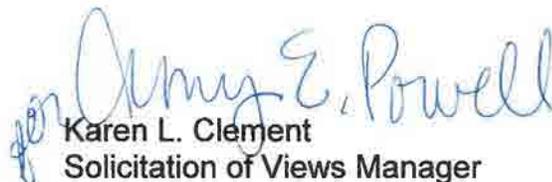
Off-site locations of activities such as borrow, disposals, haul-and detour-roads and work mobilization site developments may be subject to Department of the Army regulatory requirements and may have an impact on a Department of the Army project.

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. Michael Farabee by telephone at (504) 862-2292 or by email at Michael.V.Farabee@usace.army.mil.

Future correspondence concerning this matter should reference our account number MVN-2014-00035-SB. This will allow us to more easily locate records of previous correspondence, and thus provide a quicker response.

Sincerely,


Karen L. Clement
Solicitation of Views Manager

Copy Furnished:

Ms. Christine Charrier
Coastal Zone Management
Department of Natural Resources
Post Office Box 44487
Baton Rouge, Louisiana 70804-4487



St. Bernard Parish Government

8201 West Judge Perez Drive
Phone (504) 278-4200

Chalmette, Louisiana 70043
Fax (504) 278-4330

David E. Peralta
Parish President

April 24, 2015

CEMVN-OD-SS

Attn: Chief, Surveillance & Enforcement

U.S. Army Corps of Engineers

Post Office Box 60267

New Orleans, Louisiana 70160-0267

MVN-2014-00035-SB: HMGP Sewer Improvement Project, Violet Area, St. Bernard, LA 70092

Project Description/Scope of Work

St. Bernard Parish Government has been approved by FEMA and GOHSEP for 14.6 million dollars in HMGP (Hazard Mitigation Grant Program) funds for Improvements to the Violet Area Sewer System of St. Bernard Parish. An SOV was sent to the USACOE in 12/3/13 for the project by Frye/Magee with limited information. A response was received from the USACOE dated 1/31/14 requesting more information needed for a determination. We apologize this information was not submitted by our Contractor and this will serve as our official request to provide a wetlands determination for this project.

This project was developed to alleviate surcharge conditions in several areas of the Violet sewer system within the boundary defined by the area between E. St. Bernard Hwy., E. Judge Perez Dr., Maureen Lane, and C Street. This area is served by a system of gravity sewers and pump stations that collect sewage and transport it to the existing Pump Station V1-05 (PS V1-05) located on Highland Dr. near E. St. Bernard Hwy. The north section of the project area is served by various pump stations and gravity sewers which all direct flow to Pump Station V1-06 (PS V1-06). PS V1-06 pumps sewage to an existing 8-inch gravity sewer in E. St. Bernard Hwy. The gravity sewer transports the sewage to PS V1-05.

The south section of the project area is served by various pump stations and gravity sewers which direct flow to Pump Station V1-17 (PS V1-17). PS V1-17 pumps sewage to a gravity sewer that flows north toward PS V1-05. This gravity sewer has a section of pipe that is smaller than the upstream sections and serves as a bottleneck for flow to reach PS V1-05. PS V1-05 is the main pump station for the project area and transports sewage through a force main that terminates at the Violet WWTP pump station located at the former Violet WWTP site on Mel Drove and the 40 Arpent Canal.

As part of this project, a hydraulic model was prepared to analyze the existing sewer system within the project area to determine the dry and wet weather performance of the system. It was determined through the model that the upgrades were needed to Pump Station V1-05, V1-06, and V1-17. It was also determined that a new regional Pump Station V1-20 was required to transport flow from the project area to the Violet WWTP pump station. The improvements, as a result of this model are as follows:

1. Construction of a new force main from PS V1-06 to PS V1-05 directly connecting the two stations to reduce hydraulic loading on the gravity sewer in E. St. Bernard Hwy.
2. Increase the pumping and storage capacity at lift station V1-06 to reduce surcharging of the gravity sewer upstream and allow for wet weather flow to be pumped to PS V1-05.
3. Construct a new regional PS V1-20 central to the project area to collect flow from PS V1-05, PS V1-17 and the gravity system to the south. Utilize the existing Violet WWTP outfall piping as a force main to transfer sewage to the Violet WWTP pump station and then to the Munster WWTP.
4. Construct a new force main from PS V1-05 to PS V1-20.
5. Increase the pumping and storage capacity at lift station V1-05 to reduce surcharging of the gravity sewer upstream and allow for wet weather flow to be pumped to PS V1-20. Space is insufficient at the existing location of PS V1-05 for expansion, a new pump station will be constructed at 5609 East St. Bernard Hwy, Violet, LA 70092.
6. Construction of a new force main from PS V1-17 to the new regional lift station V1-20 directly connecting the two stations and reducing hydraulic loads on the gravity sewer system serving the southern part of the project area.
7. Reconstruction of PS V1-17 to deepen the wet well and allow the pump station to adequately cycle and alleviated the surcharged conditions of the gravity system upstream of PS V1-17.
8. Modify the existing 18" force main from the Violet WWTP to the river to connect the new PS V1-20 and the Violet WWTP pump station. If this existing force main is not usable, a new liner will be installed on the interior and the existing routing used.
9. Minor modifications at the Violet WWTP to help facilitate operations.

Pump Station V1-05: The proposed solution at PS V1-05 is to increase the pumping capacity to reduce surcharging of the gravity sewers upstream. Also the increased capacity from PS V1-06 and adds more flow to PS V1-05. This location is a vacant lot, 5609 East St. Bernard Hwy, Violet, LA 70092, which was previously the location of a Single Family Home damaged by Hurricane Katrina, and demolished by the Parish, who is now the owner of the Property. The home was approximately 50 years old. The land is cleared. Existing FEMA FIRM Identifies this property as an "X" Flood Zone, and current LiDAR data shows a ground Elevation of 5.0 ft. All connection lines are existing and in Street Right of Way locations or will be directionally drilled alongside of an existing line within the same Right of Way.

Pump Station V1-06: The proposed solution at PS V1-06 is to upgrade the station from 530 gpm to 1,740 gpm. This is an increase in pumping of approximately 1,210 gpm or 228% from the existing capacity. This will require the installation of larger pumps, modification to the electrical supply, and installation of additional wet well capacity. The current design utilizes the existing wet well and adds a new wet well to increase the storage capacity of the pump station. For any pump station, the start per hour for the pump motors need to be limited. This is an existing pump location at the corner of East St. Bernard Hwy and Livaccari Drive. The location is within the Parish Street Right of Way, located in an "X" Flood Zone, and according to Recent LiDAR data has a ground elevation of 3.2 ft. All connection lines are existing and in Street Right of Way locations or will be directionally drilled alongside of an existing line within the same Right of Way.

Pump Station V1-17: The existing PS V1-17 is too shallow as it now exists. This causes surcharging problems upstream of the pump station in the gravity system in the southern part of the project area. A new pump station will be constructed that is of sufficient depth to allow for proper operation of the pump station. The flow from PS V1-17 now empties into a gravity sewer in 3rd St. This gravity sewer makes its way to PS V1-05 and is overloaded during wet weather. The gravity sewer has a constriction where an 18 inch pipe connects to a 12 inch pipe causing surcharging of the gravity system to the south of Jamie Ct. A new 8" sewage force main will be installed from PS V1-17 directly to the new PS V1-20. This will take the sewage from the area south of Repose St. and direct it away from the affected gravity sewer greatly reducing the load during wet weather and thereby the surcharging in the system. . This is an existing pump location at the corner of 3rd Street and Repose Drive. The location is within the Parish Street Right of Way, located in an "X" Flood Zone, and according to Recent LiDAR data has a ground elevation of 1.8 ft. All connection lines are existing and in Street Right of Way locations or will be directionally drilled alongside of an existing line within the same Right of Way.

Pump Station V1-20: PS V1-20 will be the new regional sewage pump station for the project area. The location of PS V1-20 is at the end of Allo Mumphrey Drive, and will take advantage of an existing 18" concrete pressure pipe that was once used to transport treated wastewater from the Violet WWTP to the Mississippi River. The pipe is located in the right of way of Allo Mumphrey and extends to the Violet WWTP. The location is within the Parish Street Right of Way, located in an "X" Flood Zone, and according to Recent LiDAR data has a ground elevation of 4.7 ft. All connection lines are existing and in Street Right of Way locations or will be directionally drilled alongside of an existing line within the same Right of Way.

Violet WWTP Pump Station: The existing Violet WWTP pump station has sufficient capacity to accommodate the flow from the new PS V1-20 and the existing sewer system to the east of E. Judge Perez Dr. The only modification to this pump station will be the replacement of existing knife gate valves. This location will have no ground disturbance or fill added. Only mechanical work will be performed here. The property is located on Mel Drive and the 40 Arpent Canal, and is an "X" Flood Zone, and according to Recent LiDAR data has a ground elevation of .5 ft.

We have attached an official application, several maps of the area, FEMA Flood Zone Maps, Photographs of the locations, and a list of the location details. All of the locations are cleared. Locations V1-06, V1-17, and Violet WWTP are all existing pump stations actively used by the Parish for over 30 years. Location V1-05 will be relocated to the site on East St. Bernard Hwy, also a vacant and cleared property for 10 years. Proposed location of V1-20 is cleared and vacant as part of the Parish Right of Way. There is an existing underground line in this Right of Way which will be used as part of this system. This area is not maintained well by the Parish and is currently overgrown with high grass, but as seen in the photographs attached, there are no trees located in the Right of Way, only high grass.

St. Bernard Parish Government does not see any adverse effects to any wetlands this project would have. We also do not find any indications by the documentation provided, as well as any physical evidence on-site that any Wetlands exist on any of the existing properties we currently are using or within our current Right of Ways we are using.

We appreciate your assistance in this request. If you require any additional information or have any questions please contact me. Any assistance you can also provide in expediting this request would be greatly appreciated.

Thank you.



Michael Hunnicutt, CFM
Hazard Mitigation Director
St. Bernard Parish Government
504-278-4223

REQUEST FOR A WETLAND DETERMINATION

To: CEMVN-OD-SS
Chief, Surveillance & Enforcement
U.S. Army Corps of Engineers
P.O. Box 60267
New Orleans, LA 70160-0267

REF # MVN-2014-00035-SB

Sir/Madam:

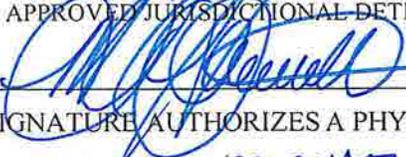
- I am requesting a wetland determination on property described as: VIOLET AREA
SEWER IMPROVEMENT PROJECT, VIOLET, LA. 70092
(lot or tract #, subdivision name, street, highway, etc)
 - Parish: ST. BERNARD Acreage: 100 +/-
 - Section: 4 Township: 13S Range: 13E
 - Latitude: *SEE LIST Longitude: *SEE LIST
 - The subject property is: (check as many as applicable)
 cleared wooded pasture agricultural field
 - If cleared, for how long? SEE LIST Providing photographs on cleared properties will often speed up the determination process.
 - I have attached a survey/plat map of the property and a vicinity map identifying the precise property location. YES
 - Description of proposed activity: (check as many as applicable)
 I currently own this property. I plan to purchase this property.
 I am a Real Estate Agent acting on behalf of Owner or Purchaser.
 I intend to construct a single family residence for personal use.
 I intend to construct a home for resale or develop a subdivision.
 I intend to construct or develop a subdivision.
 The property is to be used for commercial construction or activity.
 The property is to be used for agricultural purposes. If agricultural, are you a USDA Farm Participant?
 Yes No Don't know
 Other: FEMA - HMGFP PROJECT
 - Type of determination being requested:
 I am requesting an approved jurisdictional determination.
 I am requesting a preliminary jurisdictional determination. (By requesting a preliminary jurisdictional determination I accept the terms of the attached document titled "EXPLANATION OF PRELIMINARY AND APPROVED JURISDICTIONAL DETERMINATIONS".)
- *Signature:  Date: 3/24/2015
*THIS SIGNATURE AUTHORIZES A PHYSICAL INSPECTION OF THE SITE.
- Typed or printed name: MICHAEL HUNNICUTT
Company name: ST. BERNARD PARISH GOVERNMENT
Address: 8201 WEST JUDGE PEZEE DRIVE
CHAMETTE, LA. 70043
Daytime phone no. 504-278-4223
Email address: MHUNNICUTT@SBPG.NET



Figure 1.2 – Aerial View of Project Location



Specifically, this H&H Study and PDM focuses on how the nineteen (19) sewer lift stations located in the three (3) sub-basins of the Violet sewerage area behave hydraulically in terms of their interactions with each other and the gravity sewerage system. Figure 1.3 illustrates the location of the three (3) sub-basins, while Table 1.1 and Figure 1.4 illustrate and depict the locations of the lift stations within the three (3) sub-basins of the Violet sewer area.



Figure 1.3 – Location of the Three (3) Study Sub-Basins within the Violet Sewer Area



Figure 1.4 – Pump Station Locations within Study Sub-Basins



Figure 3.1 – Proposed Force Main from Lift Station V1-06 to Lift Station V1-05

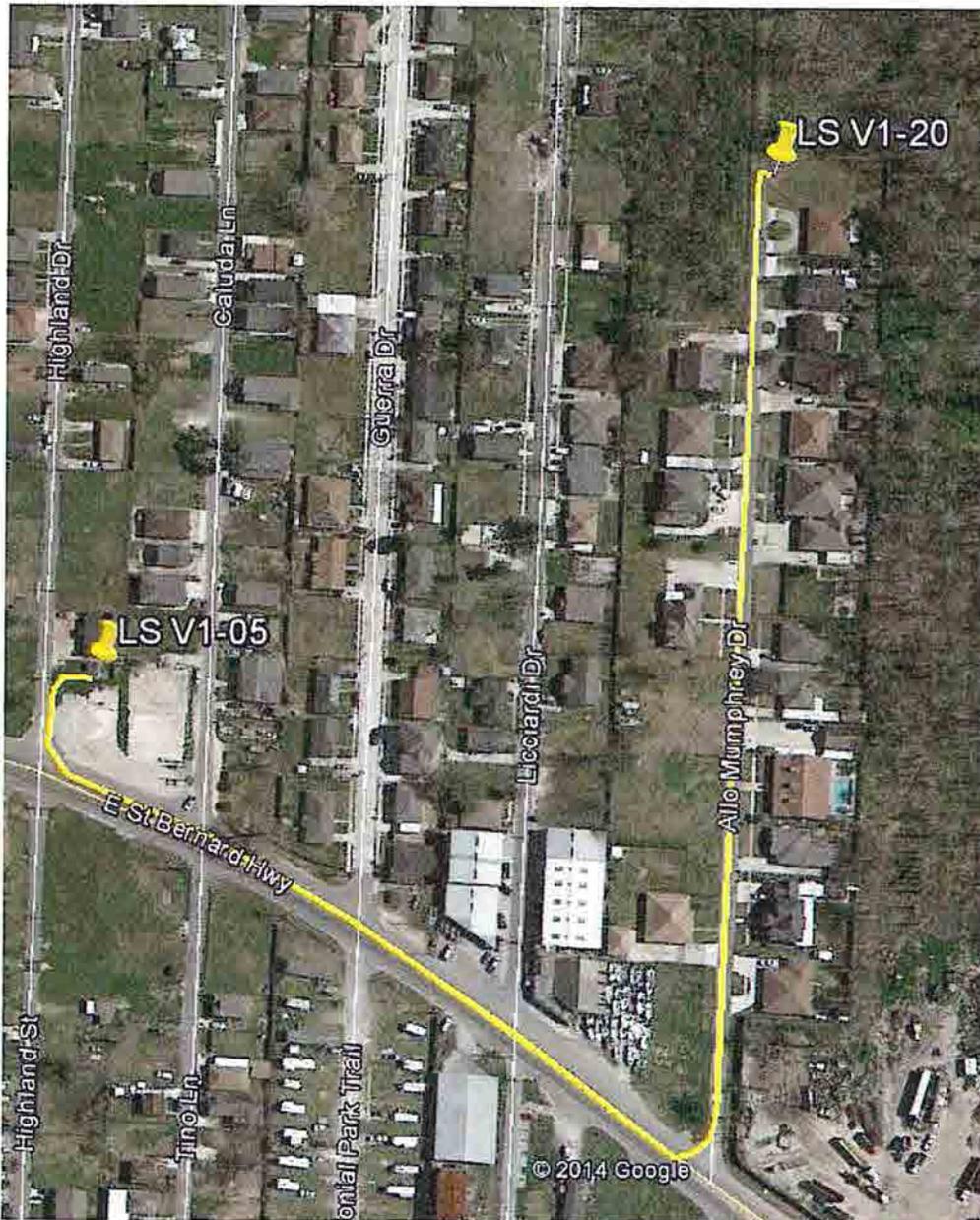


Figure 3.2 – Proposed Force Main from Lift Station V1-05 to V1-20, as well as Proposed Location of the New Regional Lift Station V1-20



Figure 3.3 – Proposed Force Main from Lift Station V1-17 to V1-20



Figure 3.4 – Proposed Force Main from Lift Station V1-20 to the Violet Sewer Plant Transfer Station

Violet Project

| Station # | Address | Latitude | Longitude | Vegetation |
|-------------------------|--------------------------------|-----------|------------|-----------------------------------|
| V1-05 | Highland & E. St. Bernard Hwy | 29.900142 | -89.900071 | Clear (Vacant 10 years) |
| V1-06 | Livaccari & E. St. Bernard Hwy | 29.916675 | -89.900221 | Clear (Existing Pump - 30+ years) |
| V1-17 | Repose & 3rd St. | 29.900046 | -89.883599 | Clear (Existing Pump - 30+ years) |
| V1-20 | North End Allo Mumphrey | 29.908500 | -89.900400 | Clear (Right of Way w/high grass) |
| Violet Transfer Station | Old Violet WWTP | 29.900269 | -89.883471 | Clear (Existing Pump - 10 years) |

Section 4
Township 13S
Range 13E



03/11/2013

EXISTING
V1-05



N/E 33
V1-05

04/24/2015 04:56

OFFICE OF

ESTOPINAL

SURVEYING AND ENGINEERING, INC.

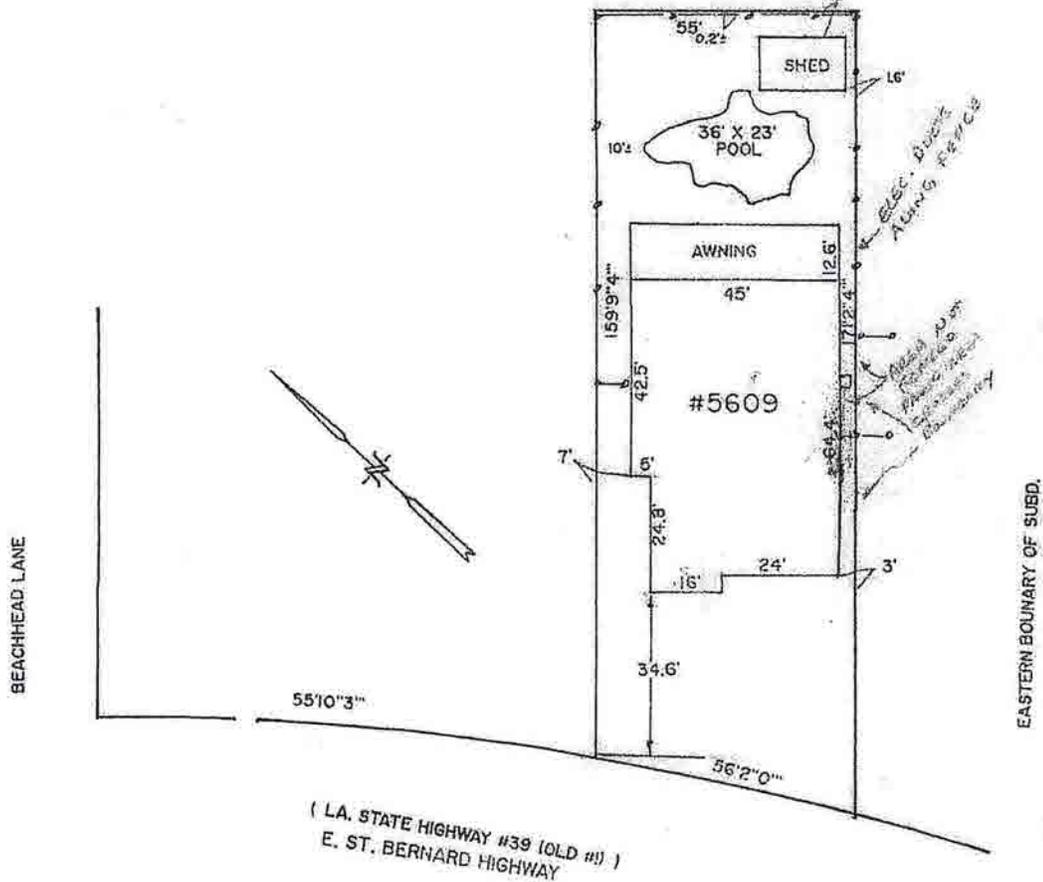
2604 PAKENHAM DRIVE, P. O. BOX 1183, CHALMETTE, LA. 70044
279-7451

FRANCKE SUBDIVISION

LOT 4 STORY PLANTATION
ST. BERNARD PARISH, LA.

LOT 1

NORTHERN BOUNDARY OF SUBD. (SIDE)



THIS IS TO CERTIFY THAT I HAVE CONSULTED THE FEDERAL INSURANCE ADMINISTRATION FLOOD HAZARD BOUNDARY MAPS AND FOUND THAT THE ABOVE DESCRIBED PROPERTY IS NOT IN A SPECIAL FLOOD HAZARD AREA. FLOOD ZONE B.

This is to certify that this plot or map and the survey on which it is based were made in accordance with the minimum standards for property boundary surveys in the state of Louisiana established by the Louisiana Society of Professional Surveyors at the request of: SIDNEY TORRES III, ATTY.

CHALMETTE, LA. JANUARY 14, 1992

STEPHEN V. ESTOPINAL P.E.#14977 P.L.S.#4356

V1-06



03/11/2013



03/11/2013

1-11



NE3
V1-20

03/11/2013



U.S. Fish and Wildlife Service

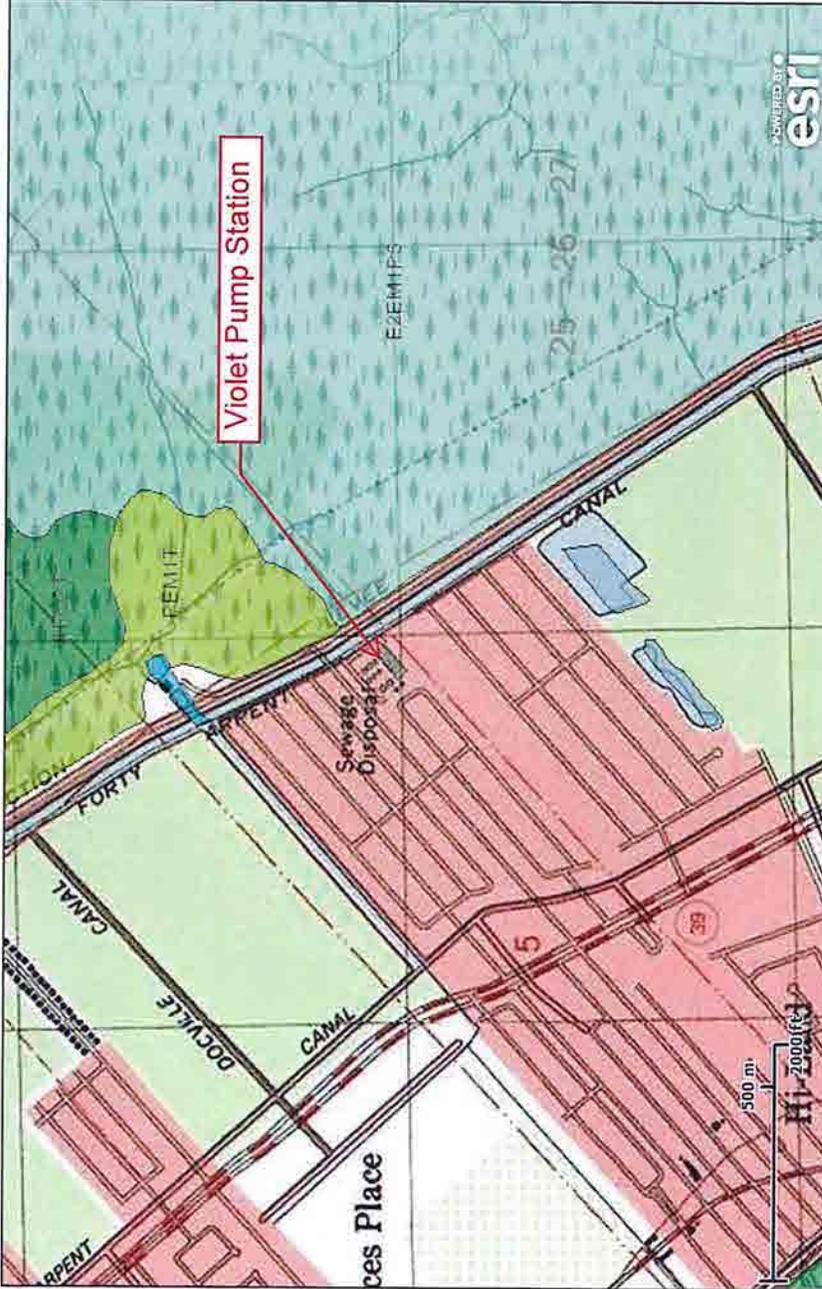
National Wetlands Inventory

Violet Pump Station Wetlands Map

Oct 1, 2014

Wetlands

- Freshwater Emergent
- Freshwater Forested/Shrub
- Estuarine and Marine Deepwater
- Estuarine and Marine
- Freshwater Pond
- Lake
- Riverine
- Other



This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

User Remarks:

From: Pitts, Melanie
To: "Linda.Hardy@la.gov"; Amy.E.Powell@usace.army.mil; gutierrez.raul@epa.gov; "cmichon@wlf.la.gov"; Karl.Morgan@la.gov
Cc: [Ross, Emanuel](#); [Spann, Tiffany](#); [Holmes, Leschina](#)
Subject: FW: Request Solicitation of Views HMGP 1603-0421 St. Bernard Parish Wastewater Treatment System Email 1 of 3
Date: Saturday, May 30, 2015 17:39:00
Attachments: [SOVDravoViolet421 \(3\).docx](#)
Importance: High

U.S. Department of Homeland Security
Federal Emergency Management Agency
FEMA-DR 1603/1607 LA
Louisiana Recovery Office
1500 Main Street
Baton Rouge, LA 70802



May 29, 2015

MEMORANDUM TO: See Distribution

SUBJECT: Scoping Notification/Solicitation of Views

To Whom It May Concern:

The Department of Homeland Security's Federal Emergency Management Agency (FEMA) is mandated by the U.S. Congress to administer Federal disaster assistance pursuant to the Robert T. Stafford Disaster Relief and Emergency Assistance Act (Stafford Act), PL 93-288, as amended. Section 404 and Section 406 of the Stafford Act authorizes FEMA's Hazard Mitigation Program to provide funds to states and local governments to implement long-term hazard mitigation measures after a major disaster declaration. FEMA is considering providing Hazard Mitigation Grant Program funding for the attached project in relation to Hurricanes Katrina and Rita (FEMA-1603/1607-DR-LA).

The Violet and Dravo sewage system regularly becomes overwhelmed with surcharge and not able to hold increased sewage volumes. The applicant, St. Bernard Parish, is proposes to upgrade and increase the capacity of the sewage system. The applicant proposes to accomplish this by installing and upgrading pumps, wet wells, and water mains at various locations in St. Bernard Parish. The scope of work would also include, but not limited to, site improvements such as constructing a new pumping station, increasing the capacity and rerouting existing water mains, along with constructing a 10 MGD new clarifier.

The scope of work has been modified since the applicant has consulted with your agency; therefore, please see the attached scope of work and drawings which correspond to a proposed project for which FEMA funding has been requested.

To ensure compliance with the National Environmental Policy Act (NEPA), Executive Orders (EOs), and other applicable Federal regulations, FEMA is preparing an Environmental Assessment (EA). To assist FEMA in preparation of the EA, we request that your office review the attached documents for a determination as to the requirements of any formal consultations, regulatory permits, determinations, or authorizations.

Please respond within thirty (30) calendar days of the date of this scoping notification. If our office receives no comments at the close of this period, we will assume that your agency does not object to the project as proposed.

Comments may be faxed to (225) 346-5848, emailed to emanuel.ross@fema.dhs.gov, or mailed to the attention of Emanuel Ross, Environmental Department, at the address above.

For questions regarding this matter, please contact Emanuel Ross, Environmental Protection Specialist at (504) 256-1898.

Tiffany Spann-Winnfield
Deputy Environmental Liaison Officer

Distribution: LDEQ, USEPA, LDWF, LDNR, USACE

Thanks,

Emanuel Ross III
Environmental Protection Specialist
FEMA Region VI
1500 Main St., Baton Rouge, LA 70802
Mobile: (504) 256 -1898 (BB)
Office: (504) 284 – 2811
Email: emanuel.ross@fema.dhs.gov

Scope of work:

The Violet and Munster sewage system frequently becomes overwhelmed with surcharge due to undersized sewage pipes, wet wells, and pumps. Upgrades are needed for the Violet and Munster sewage system to protect human health and property caused by severe storms. The St. Bernard Parish Government, the applicant, is requesting to upgrade the Violet and Munster sewage system. The three (3) major pumping stations and water treatment plants of the proposed area are Munster WWTP (29.945257, -89.928696), Dravo Pump Station (29.964653, -89.975302), Violet Pump Station (29.916373, -89.891371). Figure 1 outlines the project area and Figure 2 shows the locations of pump stations throughout the project area.

The scope of work comprises of upgrades at several locations. They include but not limited to Pump Stations (PS) V1-05, (PS) V1-06, (PS) V1-17, (PS) V1-20, Dravo pump station, Violet Wastewater Treatment Plant (WWTP) and Munster WWTP. Below is a description of the scope of work at each location.

(PS) V1-06- At this location the scope of work would consist of increasing the pump capacity by adding an additional pump vault immediately adjacent to the existing vault increasing pump capacity to 1,210 gpm. (29.917213, -89.913201) In addition, a new larger force main and wet well would be constructed linking pump stations V1-06 to V1-05. This main would start at V1-06 cross the street to the south/west side of St. Bernard Hwy and continue along that route until it re-crosses the Hwy at V1-05 (Figure 3). Open trenching to locate the pipe within the existing right of way would be conducted. Directional drilling would be utilized to run the piping for the sewer lines. This would require less ground disturbance, and three (3) or four (4), four (4) feet (ft.) to five (5) ft. "pits" would be needed for the installation.

(PS) V1-05- The proposed solution at PS V1-05 is to increase the pumping capacity to reduce surcharging of the gravity sewers upstream. Also the increased capacity from PS V1-06 adds more flow to PS V1-05. This increased pumping capacity was greater than the existing force main from PS V1-05 can accommodate.

The increased pumping capacity at PS V1-05 would require increased wet well volume. The current location of PS V1-05 is limited. Space for expansion is not readily available. St. Bernard Parish has acquired a property on E. St. Bernard Hwy. that was previously the site of a residence, but is now vacant land. The address is 5609 St. Bernard Highway Violet, LA 70092 (29.908785,-89.904527). The new site is only 200 ft. from the present location and would allow for the expansion with minimal effect to the connecting gravity system. Larger pumps would be installed with a new force main from PS V1-05 to PS V1-20 (Figure 4).

The new force main route would be along the east side of E. St. Bernard Hwy. to a new PS V1-20 at the end of Allo Mumphrey Dr. At Allo Mumphrey Dr. a section of existing 18 inch force main would be used to transport flow to the new pump station. Using the existing pipe would save the cost of installing new piping on Allo Mumphrey Dr. to PS V1-20.

(PS) V1-20– Proposed scope of work consists of constructing a new Pump Station which would then be the new regional sewage pump station. PS V1-20 would have a capacity of 4,500 gpm and would be able to transport the excess wet weather flow to the existing Violet WWTP pump station (Figure 4). The proposed location is within the existing right of way on an undeveloped area (29.908280, -89.900644).

The location of PS V1-20 would take advantage of an existing 18inch concrete pressure pipe that was once used to transport treated wastewater from the Violet WWTP to the Mississippi River. The pipe is located in the right of way of Allo Mumphrey drive and extends to the Violet WWTP. PS1-20 would be connected to the existing 18 inch force main. The east end of this existing force main would be connected to the wet well of the Violet WWTP pump station.

PS V1-20 is sized to accommodate the flow from PS V1-05, PS V1-17 and all other tributary gravity sewers that previously flowed to PS V1-05. PS V1-20 will be a triplex (3 pump) station.

(PS) V1-17- The capacity of PS V1-17 would remain the same, but the pump station would be relocated and made deeper to improve the function and relieve surcharging upstream of the pump station (29.902785, -89.899207). This would extend into the roadway and be flush with the ground. The area is within the existing road bed/right of way and is previously disturbed.

The flow from PS V1-17 now empties into a gravity sewer in 3rd St. This gravity sewer makes its way to PS V1-05 and is overloaded during wet weather. The gravity sewer has a constriction where an 18 inch pipe connects to a 12 inch pipe causing surcharging of the gravity system to the south of Jamie Ct. A new 8inch sewage force main would be installed from PS V1-17 directly to the new PS V1-20. This would take the sewage from the area south of Repose St. and direct it away from the affected gravity sewer greatly reducing the load during wet weather and thereby the surcharging in the system.

(PS) V1-17 and (PS) V1-20- The proposed work consists of connecting the existing Pump Station at V1-17 with the new pump station at V1-20 (Figure 5). The proposal is to use directional drilling to connect existing piping if connection lines are not present, running through the area between the two (2) streets. The path of the force main is located through a wooded undeveloped area between Jamie Ct and Allo Murphrey Dr, at the end of 3rd St. A new 8 inch sewage force main would be installed from PS V1-17 to V1-20. No direct/surface ground disturbance is proposed for the project area (29.906947, -89.901273).

Violet WWTP– For this site new piping would possibly need to be run along the front of the facility, either along the right of way or within the fence of the property (Figure 6). The new piping would then be connected to the existing infrastructure (29.916373, -89.891371). Existing knife gate valves would be replaced. The property is located on Mel Drive and the 40 Arpent Canal.

Munster WWTP- Sewage from Violet WWTP would be pumped to the Munster WWTP (29.945257, -89.928696) (Figure 7). At this location the applicant proposes to increase the capacity of the Munster WWTP which currently has a capacity of 14.6 MGD average daily flow with a peak capacity of 39.6 MGD. To accomplish this applicant proposes to construct an additional clarifier and effluent pumps increase Plant's peak capacity only to 50MGD. This new clarifier would be built immediately adjacent to the

existing one. The proposed clarifier will be 100 ft. in diameter and 30 ft. in depth (with approx. 15ft of that being above ground).

Dravo pump Station- Work is limited to adding a single 50HP pump. Currently the pump station contains three (3) pumps. The Site was originally designed for four (4) pumps; therefore, no further ground disturbing work is required. The pump would be installed on the existing platform and linked to the existing piping (Figures 8) (29.965095, -89.975960).



Figure 1 Aerial view of project location



Figure 2 – Location of pump stations throughout the project area

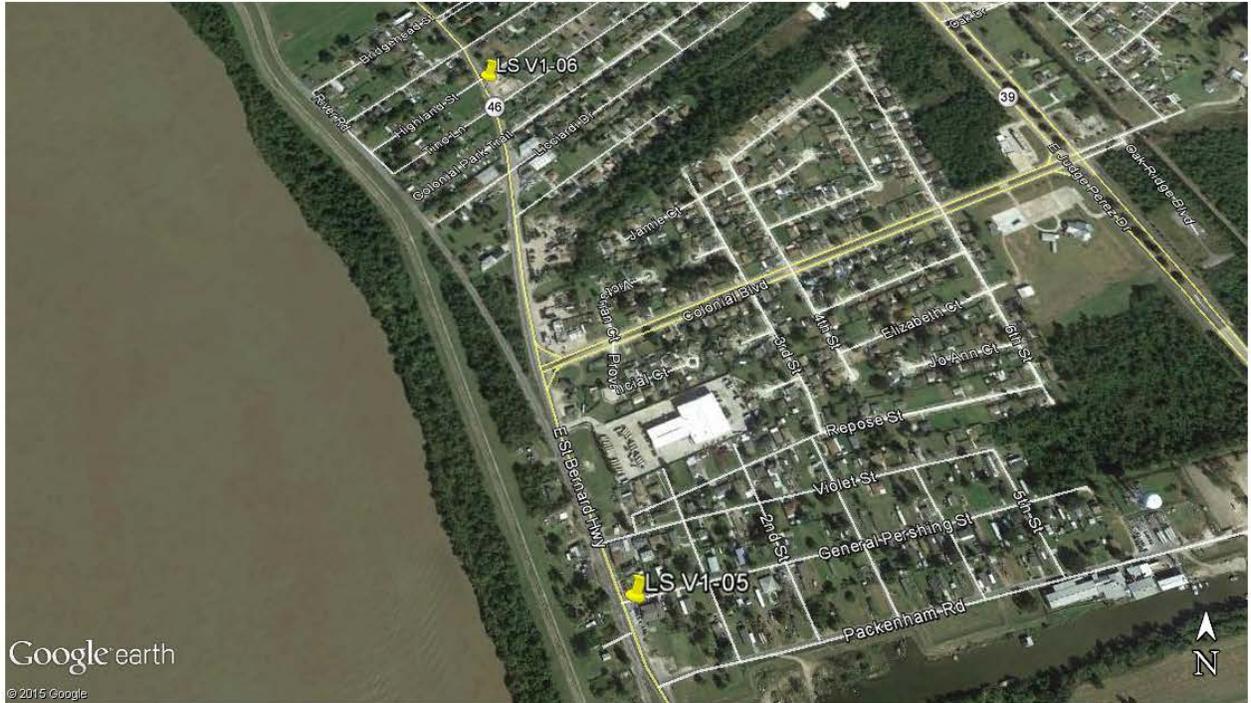


Figure 3 – Proposed Force Main from Lift Station V1-06 to Lift Station V1-05 on St. Bernard Hwy

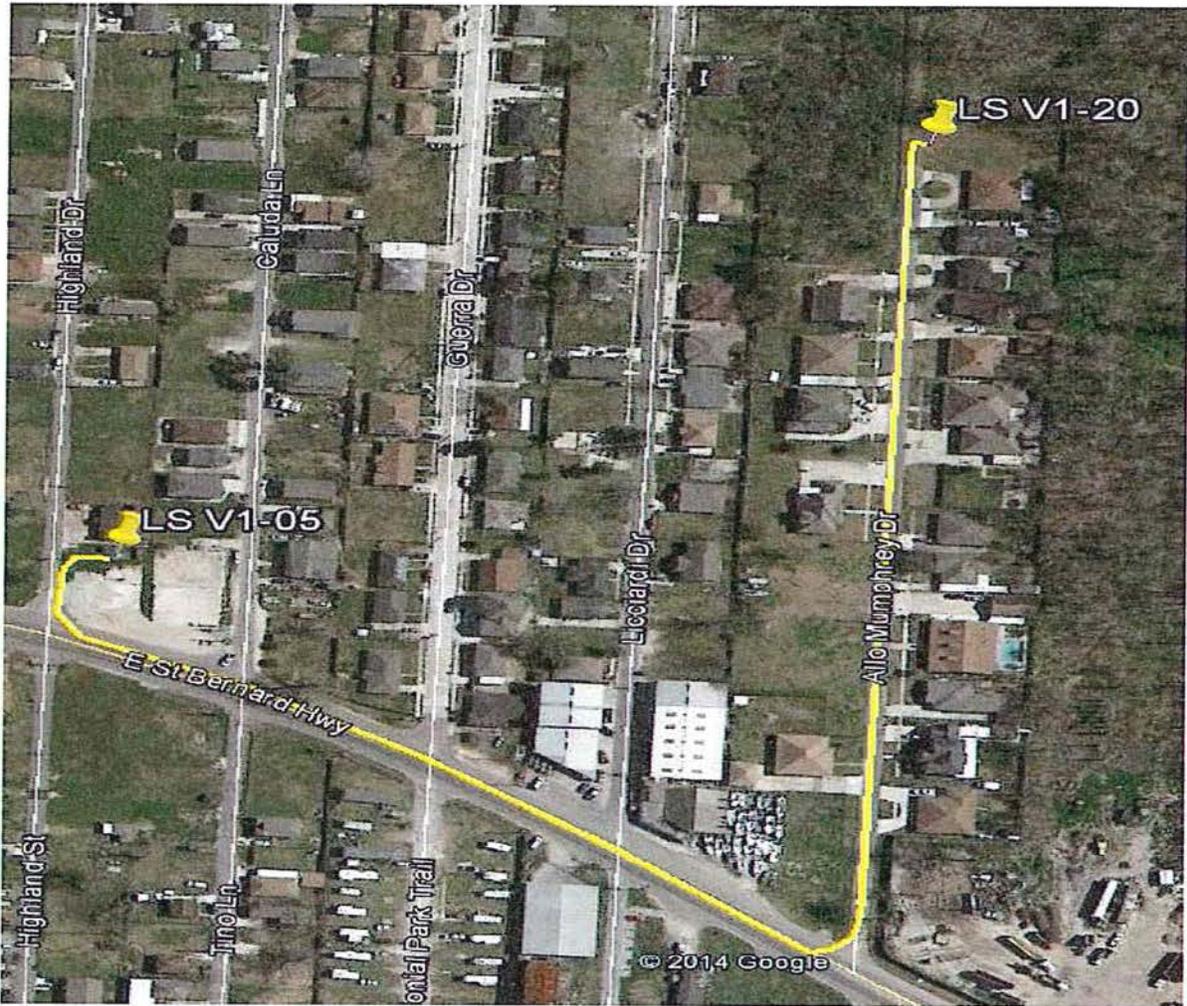


Figure 4- Proposed force main lift station V1-05 to V1-20, as well as proposed location of the new regional lift station V1-20



Figure 5 – Proposed force main from lift station V1-17 to V1-20

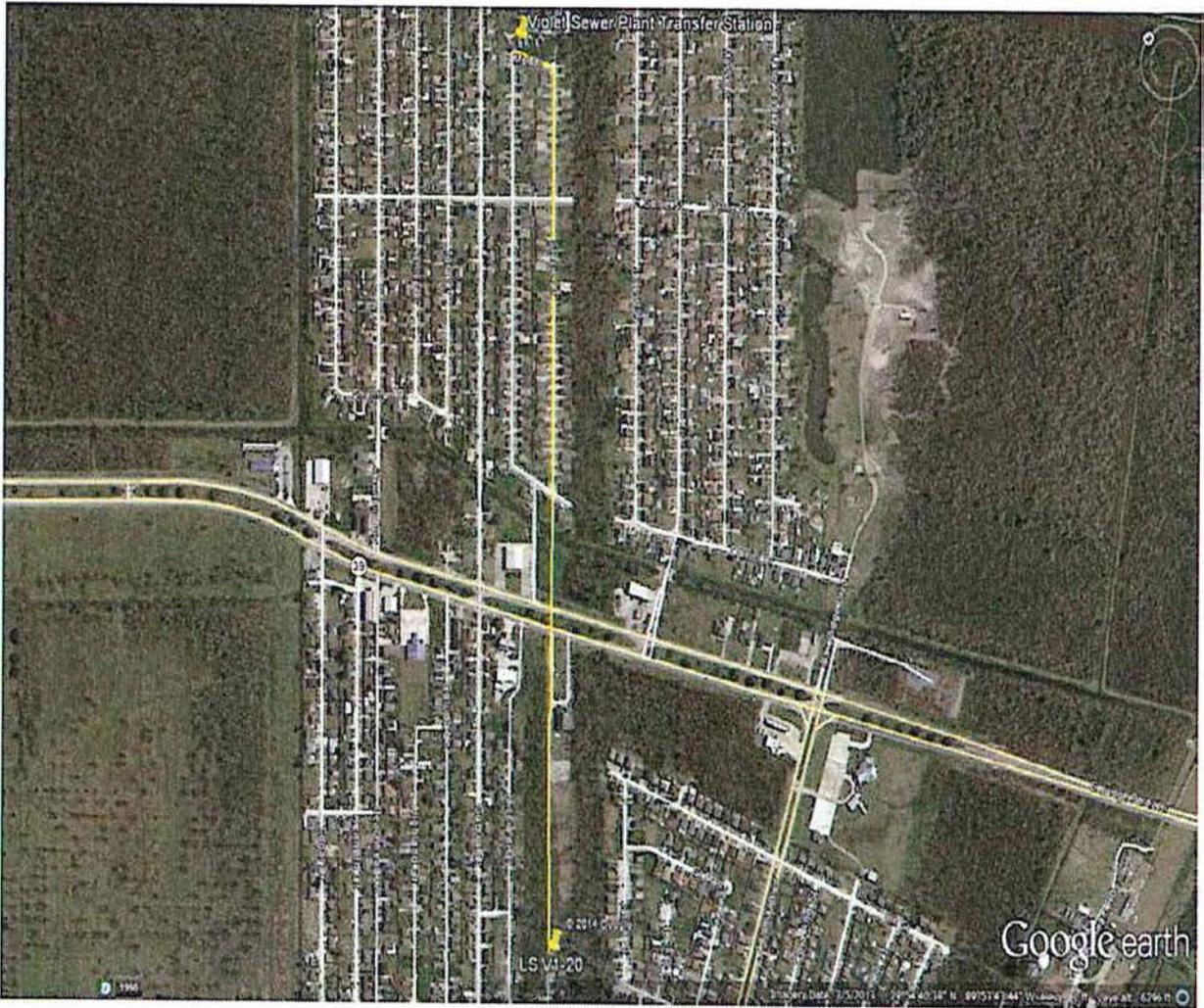


Figure 6— Proposed force main from lift station V1-20 to the Violet WWTP

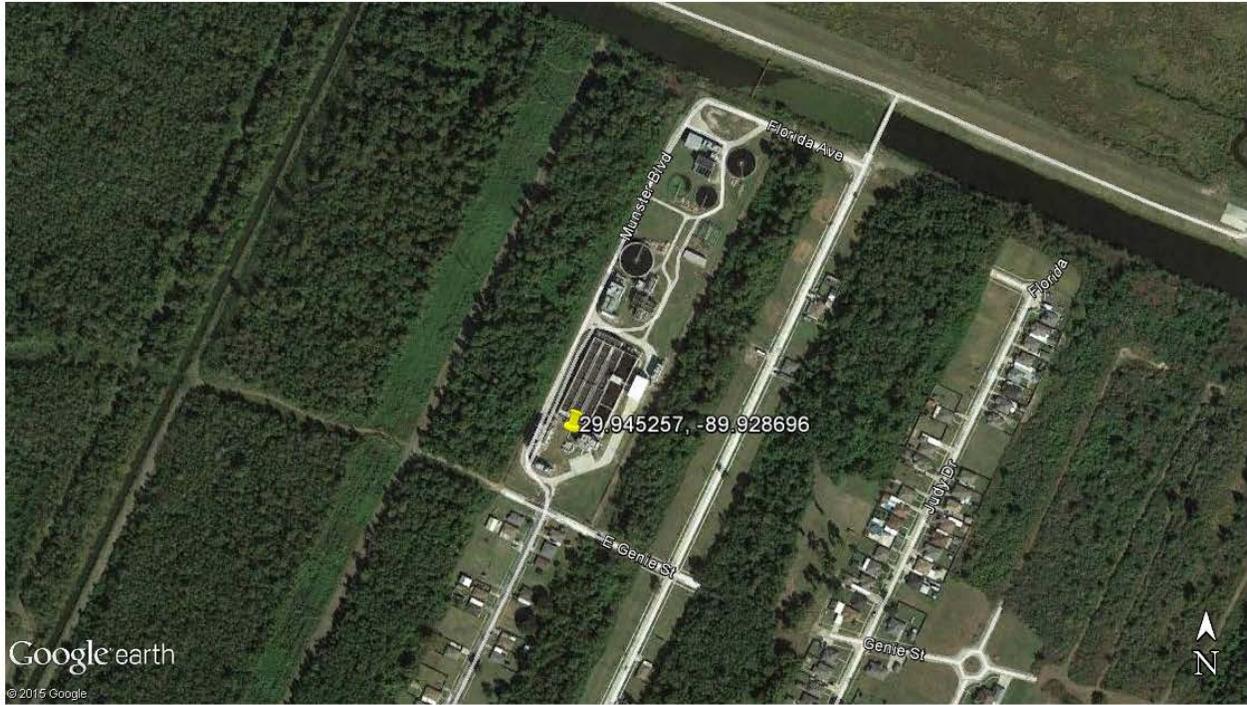


Figure 7 – Proposed location for clarifier at the Munster WWTP

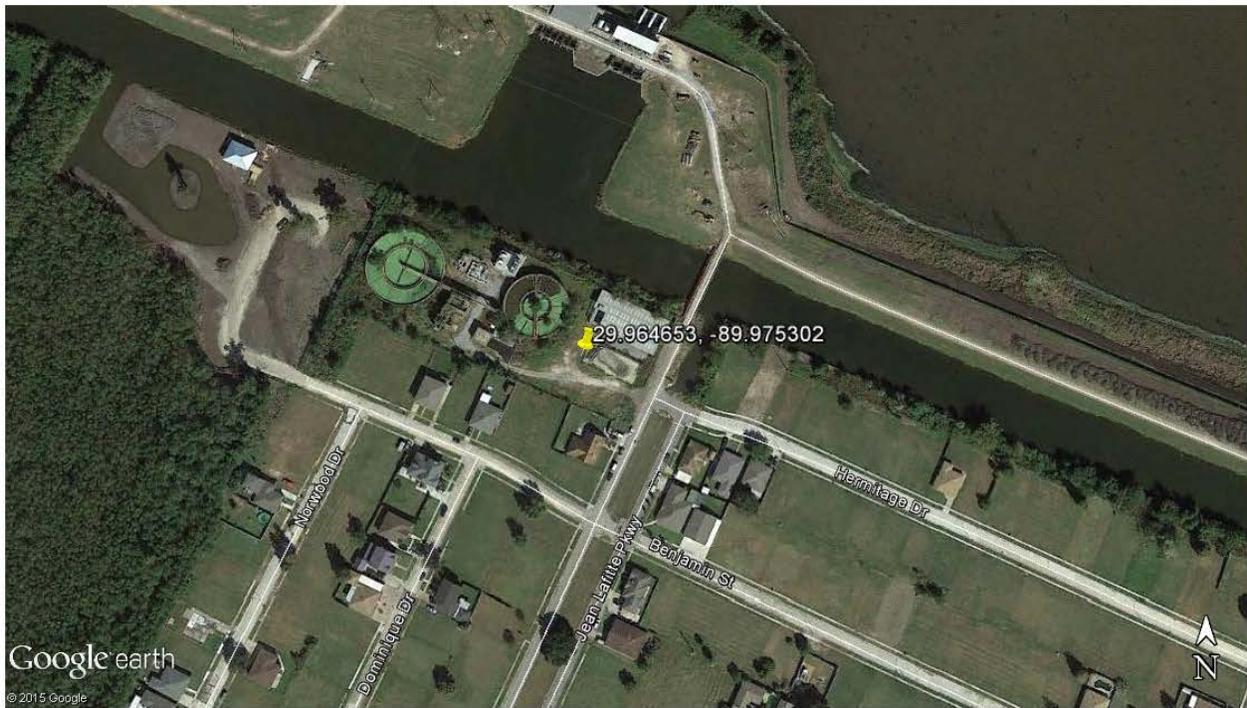


Figure 8 – Proposed location of new pump at Dravo pump station

From: [Ross, Emanuel](#)
To: Linda.Hardy@la.gov
Cc: [Holmes, Leschina](#); [Pitts, Melanie](#); [Spann, Tiffany](#)
Subject: DEQ SOV 131220/2300 - Retrofit of Violet and Dravo Sewer Pump Stations -421
Date: Saturday, May 09, 2015 11:42:23
Attachments: [Copy of CAA-ApplicabilityDeterminationV10-2015-421.xlsx](#)
Importance: High

Dear Ms. Hardy,

This is in response to your letter dated March 3, 2014 to St. Bernard Parish Government for Sulfur Dioxide (SO₂) nonattainment standards. The attachments contain the general conformity applicability determinations for the subject project referenced above. Please let us know if you have any questions. The projects SO₂ emissions are well below the de minimis threshold for ozone.

Thanks,

Emanuel Ross III
Environmental Protection Specialist
FEMA Region VI
1500 Main St., Baton Rouge, LA 70802
Mobile: (504) 256 -1898 (BB)
Office: (504) 284 – 2811
Email: emanuel.ross@fema.dhs.gov

Rough Terrain Forklift SO₂
 Generator SO₂
 Marine Inboard Engine SO₂
 Switch Locomotive SO₂
 Jet Airliner SO₂

Table:
 Formula:

↑ Formula 4 ↑ Formula 5 ↑ Formula 6

| Section 2 - Table of Compression Formulas: | Formula 4 | Formula 5 | Formula 6 |
|--|--|--------------------------------------|-----------------|
| | (Col. D x Col. E x Col. F x (1 - Col. I) - Calc. HC Em. Factor) x Col. H x Col. J | (Col. K x Col. L x Col. M) ÷ 1000000 | Col. N x 1.1023 |

All non-road emissions factors taken from tabular or calculated values derived from various EPA non-road engine technical reports (<http://www.epa.gov/otaq/nonrdmdl.htm#techrept>) and current fuel sulfur standards.

Spark ignition engines
 Air Compressor SO₂
 Compactor - Vibr. Plate SO₂
 Compactor - Tamp. Ft. SO₂
 Concrete Cutting Saw SO₂
 Cement/Mortar Mixer SO₂
 Hand-held Leaf Blower SO₂
 All-Terrain Vehicle SO₂
 Marine Outboard Engine SO₂

Table:
 Formula:

↑ Formula 7 ↑ Formula 8 ↑ Formula 9

| Section 2 - Table of Spark Formulas: | Formula 7 | Formula 8 | Formula 9 |
|--------------------------------------|---|--------------------------------------|-----------------|
| 4-Stroke | (Col. D x [Col. E x] Col. F x Col. G x (1 - Col. I) - Calc. HC Em. Factor) x Col. H x Col. J | (Col. K x Col. L x Col. M) ÷ 1000000 | Col. N x 1.1023 |
| 2-Stroke | (Col. D x [Col. E x] Col. F x (1 - Col. I) - Calc. HC Em. Factor) x Col. H x Col. J | | |

All non-road emissions factors taken from tabular or calculated values derived from various EPA non-road engine technical reports (<http://www.epa.gov/otaq/nonrdmdl.htm#techrept>) and current fuel sulfur standards.

Sub-Total - Non-Road: Non-Road Sub-Total SO₂ (tons) 0.0095243 0.0104986

Grand Total: Total SO₂ Emissions (tons) 0.0100710 0.0111013

The *de minimis* threshold for SO₂ is 100 tons/year within St. Bernard Parish



FEMA

U.S. Department of Homeland Security
Federal Emergency Management Agency
FEMA-1603/1607-DR-LA
FEMA Louisiana Recovery Office
Environmental/Historic Preservation
1500 Main Street
Baton Rouge, LA 70802

May 15, 2015

Pam Breaux
State Historic Preservation Officer
Department of Culture, Recreation & Tourism
P.O. Box 44247
Baton Rouge LA 70804

RE: Section 106 Review Consultation, Hurricane Katrina, FEMA-1603-DR-LA

Applicant: St. Bernard Parish
Undertaking: St. Bernard Parish Waste Water Treatment System Improvements, St. Bernard Parish, LA (HMA-1603-0421)
Determination: No Historic Properties Affected

Dear Ms. Breaux:

The Federal Emergency Management Agency (FEMA) will be providing funds authorized under the Robert T. Stafford Disaster Relief and Emergency Assistance Act, P.L. 93-288, as amended, in response to the following major Disaster Declarations:

FEMA-1603-DR-LA, dated August 29, 2005, as amended.

FEMA, through its Hazard Mitigation Assistance Program, proposes to fund the St. Bernard Parish Waste Water Treatment System Improvements, St. Bernard Parish, LA (HMA-1603-0421) (Undertaking) as requested by the St. Bernard Parish (Applicant). FEMA is initiating Section 106 review for the above referenced properties in accordance with the Louisiana State-Specific Programmatic Agreement among FEMA, the Louisiana Governor's Office of Homeland Security and Emergency Preparedness (GOHSEP), the Louisiana State Historic Preservation Officer of the Department of Culture Recreation and Tourism (SHPO), the Alabama-Coushatta Tribe of Texas (ACTT), the Chitimacha Tribe of Louisiana (CTL), the Choctaw Nation of Oklahoma (CNO), the Jena Band of Choctaw Indians (JBCI), the Mississippi Band of Choctaw Indians (MBCI), the Seminole Tribe of Florida (STF), and the Advisory Council on Historic Preservation (ACHP) regarding FEMA's Hazard Mitigation Grant Program (2011 LA HMGP PA) dated January 31st, 2011 and providing the State Historic Preservation Office with the opportunity to consult on the proposed Undertaking. Documentation in this letter is consistent with the requirements in 36 CFR §800.11(d).

Description of the Undertaking

This undertaking was developed to alleviate surcharge conditions in several areas of the Violet sewer system within the boundary defined by the area between E. St. Bernard Hwy, E. Judge Perez Drive, Maureen Lane, and C Street (Figure 1). This area is currently served by a system of gravity sewers and pump stations that collect sewage and transport it to the existing Pump Station V 1-05 (PS V1-05) located on Highland Dr. near E. St. Bernard Hwy. The north section of the project area is served by various pump stations and gravity sewers which all direct flow to Pump Station V1-06 (PS V1-06). PS V1-06 pumps sewage to an existing 8-inch gravity sewer in E. St. Bernard Hwy. The gravity sewer transports the sewage to PS V1-05.

The south section of the project area is served by various pump stations and gravity sewers which direct flow to Pump Station V1-17 (PS V1-17). PS V1-17 pumps sewage to a gravity sewer that flows north toward PS V1-05. This gravity sewer has a section of pipe that is smaller than the upstream sections and serves as a bottleneck for flow to reach PS V1-05. PS V1-05 is the main pump station for the project area and transports sewage through a force main that terminates at the Violet WWTP pump station located at the former Violet WWTP site on Mel Drove and the 40 Arpent Canal. In addition to the issues associated with the surge, population relocation in the parish following Hurricane Katrina has taxed the system's capabilities.

In order to correct the system's existing deficiencies the Parish completed a study that determined that the upgrades were needed to Pump Station V1-05, V1-06, and V1-17. It was also determined that a new regional Pump Station V1-20 was required to transport flow from the project area to the Violet WWTP pump station. The improvements, as a result of this study are as follows:

1. Increase the pumping and storage capacity at lift station V1-06 to reduce surcharging of the gravity sewer upstream and allow for wet weather flow to be pumped to PS V1-05. This will be accomplished by constructing a new pump stations vault immediately adjacent to the existing pump station. The expanded pump station will be constructed below grade, within the existing right of way (ROW) (Figure 5).
2. Construction of a new force main from PS V1-06 to PS V1-05 directly connecting the two stations to reduce hydraulic loading on the gravity sewer in E. St. Bernard Hwy. This new force main will be located along the western/riverside of E. St. Bernard Hwy. The new force main will be run using deep directional drilling in order to avoid existing utilities in this area. In order to install the force main four (4) approximately 2m square pits will have to be installed along the route. These pits will be located at the beginning and end of the run and at two locations in the middle; the approximate locations are shown in Figures 6 and 7.
3. Increase the pumping and storage capacity at lift station V1-05 to reduce surcharging of the gravity sewer upstream and allow for wet weather flow to be pumped to PS V1-20. Space is insufficient at the existing location of PS V1-05 for expansion; a new pump station will be constructed at 5609 East St. Bernard Hwy, Violet, LA 70092 (Figure 8).
4. Construct a new force main from PS V1-05 to PS V1-20. This will consist of running a new force main along E. St. Bernard Hwy. When the force main turns north way from the river along Allo Mumphrey Drive, the parish will modify the existing 18" force main from the Violet WWTP to the river to connect the new PS V1-20 and the Violet WWTP pump station. If this existing force main is not usable, a new liner will be installed on the interior and the existing routing used. No new piping will be run along this route.
5. Construct a new regional PS V1-20 central to the project area to collect flow from PS V1-05, PS V1-17 and the gravity system to the south. Utilize the existing Violet WWTP outfall piping as a force main to transfer sewage to the Violet WWTP pump station and then to the Munster WWTP (Figure 9).
6. Reconstruction of PS V1-17 to deepen the wet well and allow the pump station to adequately cycle and alleviated the surcharged conditions of the gravity system upstream of PS V1-17. This will be accomplished by constructing a new pump station vault immediately adjacent to the existing PS V1-17. The new vault will be constructed below grade, flush with the existing road surface and will be constructed partially within the ROW and partially within the footprint of the road (Figure 10).
7. Construction of a new force main from PS V1-17 to the new regional lift station V1-20 directly connecting the two stations and reducing hydraulic loads on the gravity sewer system serving the southern part of the project area. This new force main will also be installed using directional drilling. The new force main will run under 3rd St. and will link to the existing main running along Allo Mumphrey Dr.

8. Minor modifications at the Violet WWTP to help facilitate operations. These modifications include linking the force main to the previously installed equipping at the renovated Violet WWTP (Figure 11).

In addition to the renovations to the Violet system, the overall capacity of the St. Bernard WWTS will be expanded by:

9. Constructing a new clarifier at the existing Munster WWTP. The Munster WWTP was completely renovated following Katrina. The original design called for two clarifiers, but only one was constructed. The second clarifier will be installed as part of this undertaking. It will be a mirror of the existing clarifier and will be built immediately adjacent to the existing one (Figures 12 and 13). The proposed clarifier will be 100ft in diameter and 30ft in depth (with approx. 15ft of that being above ground). The addition of the 2nd clarifier will increase the capacity of the plant from 40 Million Gallons a Day (MGD) to 50 MGD.
10. Installing an additional pump on the existing platform at the Dravo WWTP. Dravo WWTP was also renovated following Hurricane Katrina and converted from a WWTP to a pump station. The station was designed to have four pumps but only three were installed. The fourth pump will be installed as part of this undertaking (Figure 14).

Area of Potential Effects (APE)

In accordance with Stipulation VII.B of the 2011 HMGP PA, the APE for both the standing structures and archaeology were developed in coordination with SHPO Liaison Staff. . There are three APEs for this undertaking:

1. The first is the APE for the alterations to the Dravo WWTP. This APE is limited to the footprint of the pump station platform and is .04 acres (.017 hectares) in size (Figure 2).
2. The second APE is for the Munster WWTP, and includes an APE for both standing structures and archaeology. The APE for archaeology is limited to the area of direct effects and an area for lay-down and is .43 acres (.17 hectares) in size. The APE for standing structures includes an area for visual effects (Figure 3).
3. The third includes the entire footprint of the improvements to the Violet area. APE for archaeology is limited to the immediate area of ground disturbing activities and space for laydown and is 6.1 acres (2.46 hectares) in size (Figure 4). The APE for standing structures includes then entirety of the archaeological APE as well as an additional area for visual effects associated with the relocation/construction of V1-05. The scope of the project limits the area potential effects, as the work occurs almost completely below grade. For the portion of the work along East St. Bernard Highway, Allo Mumphrey Drive., 3rd Sreet., Daniel Drive, Stacie Drive, and Mel Drive, the APE is limited to the ROW in which the work will be completed. The applicant does not have right of access to any other areas and as such will be restricted to the ROW. The only above grade work will be the replacement of the construction of the additional pump vault at V1-06 and V1-17, and the construction of the new pump stations at V1-05 and V1-20. For these areas the APE consists of the area of direct effects and space for laydown, the entirety of the tax parcel for 5609 East St. Bernard Hwy and the adjacent lot, 2140 Beachhead Lane, are included within this area.

Identification and Evaluation

Historic Properties within the APEs were identified based on FEMA's review of the National Register of Historic Places (NRHP) database, the Louisiana Cultural Resources Map, historic map research, and a site visit conducted on March 31, 2015 by FEMA Historic Preservation staff. This data was evaluated by FEMA using the National Register (NR) Criteria.

1. Dravo WWTP Area

Standing Structures:

There is only one (1) standing structure within the APE, the pump station platform. The existing platform was constructed in 2010. Therefore, it is ineligible for listing on the NRHP because it is less than fifty years old (Figure 14).

Archaeology:

There are no ground disturbing activities within this APE. All work will take place on the existing platform.

2. Munster WWTP Area

Standing Structures:

There are five (5) standing structures within the APE, the existing clarifier, two purification vats, a drying vat and a storage building. The Munster WWTP was constructed from 1972 to 1974, was later expanded in the late 1980s and nearly complete re-built in 2011. None of the buildings within the APE are 50 years or older; therefore, all five (5) building are ineligible for listing on the NRHP.

Archaeology:

FEMA consulted the US Department of Agriculture's interactive SoilWeb to determine the soil types for the APE. The soils within the undertaking APE are Harahan Clay, poorly drained soils typically found in back swamps. Additionally, FEMA consulted the SHPO's Cultural Resources map and determined that there are no archaeological sites within 1 mile of the APE.

FEMA HP staff reviewed the early Orleans and St. Bernard parish map archives to obtain information about the APE. While the area appears on several early maps of the city, none show the project location in any detail. The 1723 Newberry Library Map, the LaTourrette map of 1848 and the Bayley Map of 1853, all show plantations within the vicinity of the project area, but do not indicate individual the presence of any associated structures as the project APE is located at the far rear of the plantation. The project area is also included on the Mississippi River Commission Maps but the area is not shown as having any development.

The site of the proposed clarifier was previously used for another settlement basin prior to the renovation of the plant in 2011, and is very disturbed (Figure 15). There is little to no potential for intact archaeological resources within the APE.

3. Violet WWTP Area

Standing Structures

There are four (4) standing structure within the APE, the existing pump stations at V1-06 and V1-17; 2140 Beachhead Lane (adjacent to 5609 East St. Bernard Hwy); and a pump building at Violet WWTP. Based on historic aerials and information provided by the applicant, the Violet WWTP and its associated pump stations, V1-06 and V1-17, were all constructed between 1984 and 1989. The residential structure at 2140 Beachhead Lane was constructed c. 1970. None of the buildings within the APE are 50 years or older; therefore, all five (5) building are ineligible for listing on the NRHP.

Archaeology

FEMA consulted the US Department of Agriculture's interactive SoilWeb to determine the soil types for each of the APES. The findings are summarized in Table 1 (Primary soil type is in bold).

Table 1: Summary of Soil Types

| Location | Soil Type | Drainage |
|----------------------------|-------------------------------------|------------------------------|
| St. Bernard Highway | Cancienne/Carville/Thibaut/Gramercy | Natural Levees |
| Proposed Location of V1-05 | Cancienne/Gramercy/Thibaut | Natural Levees and Toe Slope |
| Pump Station V1-17 | Cancienne/Carville/Thibaut/Gramercy | Natural Levees |
| Proposed Location of V1-20 | Schriever Clay | Backswamps |
| Violet WWTP | Schriever Clay | Backswamps |

FEMA consulted the SHPO’s Cultural Resources map and determined that there are 7 known archaeological sites within 1 mile of any of the project areas. None of the seven have been determined eligible for the NRHP, and none will be affected by the undertaking.

Table 2: Summary of Known Sites with 1 mile of APE

| Site # | Name | NHPA status |
|---------|--------------------------------|------------------------------|
| 16SB102 | Merits Plantation | Not Assessed |
| 16SB104 | Brick Scatter | Not Assessed |
| 16SB105 | Lake Borgne Canal Lock | Still standing, Not Assessed |
| 16SB123 | Guichard Plantation Sugar Mill | Not Assessed* |
| 16SB124 | Jumonville Plantation | Not Assessed* |
| 16SB170 | MrGO-1 | Not Assessed* |
| 16SB179 | Saxholm Plantation | Not Assessed |

*Based on subsequent site visits, the site is believed to have been destroyed by housing construction/ the construction of the Violet Diversion Channel

FEMA HP staff reviewed the early Orleans and St. Bernard parish map archives to obtain information about the APE. While the area appears on several early maps of the city, none show the project location in any detail. On the 1723 Newberry Library Map (Figure 16), the LaTourrette map of 1848 and the Bayley Map of 1853, no development is shown within the project area, nor has it been subdivided into plantations. An orchard is visible in the 1935 Mississippi River Commission Map but otherwise there has been little development in the area (Figure 17). Residential construction begins c.1950 and continues to expand into the 1970s (Figure 18).

Almost all work in this APE takes place within previously disturbed soils and existing ROW. Two parts of the undertaking will affect previously undisturbed, or minimally disturbed, areas: the construction of V1-20 and part of the new force main from V1-17 to V1-20. FEMA has carefully evaluated these areas to determine whether there is any potential to effect historic properties. Based on the US Department of Agriculture’s interactive SoilWeb work in this area will take place in very wet soils, Schriever Clay, which is typically found in backswamps (Figure 19), making it unlikely that any prehistoric resources would be present within the APE. None of the historic maps of the APE indicate any development in the vicinity, making it unlikely that any historic resources are located within the project area. Therefore, the potential for archaeological resources within the undisturbed areas of the APE is very minimal.

The rest of the undertaking takes place within existing ROW and utility corridors, areas that have previously, and repeatedly been disturbed as a result of the installation of utilities and the construction and maintenance of the existing road bed. It is unlikely that there are any intact archaeological deposits within the Violet WWTP APE and FEMA has determined that no further identification efforts are necessary for the undertaking.

Assessment of Effects

Based on the aforementioned identification and evaluation, FEMA has determined that there are no historic properties as defined in 36 CFR 800.16(l) within the APE. Therefore, FEMA has determined a finding of **No Historic Properties Affected** for this Undertaking and is submitting this Undertaking to you for your review and comment. FEMA requests your comments within 15 days.

We look forward to your concurrence with this determination. Should you have any questions or need additional information regarding this Undertaking, please contact me at (504) 247-7771 or jerame.cramer@fema.dhs.gov, or Kathryn Wollan, Lead Historic Preservation Specialist at (504) 289-1941 or kathryn.wollan@fema.dhs.gov, or Jason Emery, Lead Historic Preservation Specialist at (504) 570-7292 or jason.emery@fema.dhs.gov.

Sincerely,

Jeramé J. Cramer
Environmental Liaison Officer
FEMA-DR-1603-LA, FEMA-DR-1607-LA

CC: File
Division of Archaeology Reviewer
Division of Historic Preservation Reviewer
State Historic Preservation Office

Enclosures



Figure 2: Drawo WWTP APE

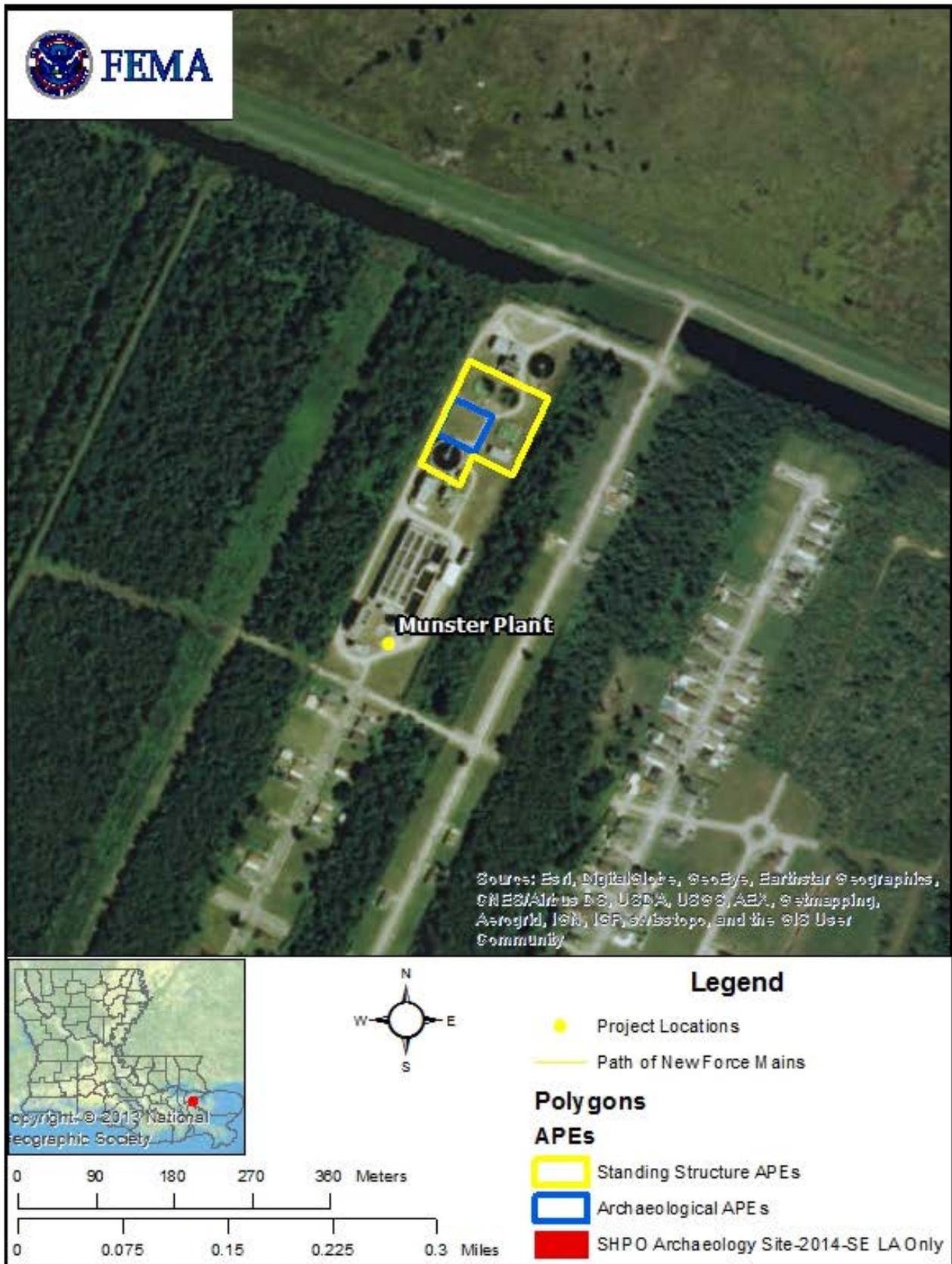


Figure 3: Munster WWTP APE



Figure 5: Existing Pump Station V1-06



Figure 6: Proposed Fit location 2 – V1-06 – V1-05



Figure 7: Proposed Pit location 3 – V1-06 – V1-05



Figure 8: Proposed Location for Pump Station V1-05



Figure 9: Proposed Location for Pump Station V1-20



Figure 10: Pump Station V1-17



Figure 11: Location of Existing Infrastructure at Violet WWTP



Figure 12: Munster – Existing Clarifier



Figure 13: Munster – Location of Proposed Clarifier



Figure 14: Dravo WWTP Pump Station Platform



Figure 15: 2006 Aerial of Munster Plant

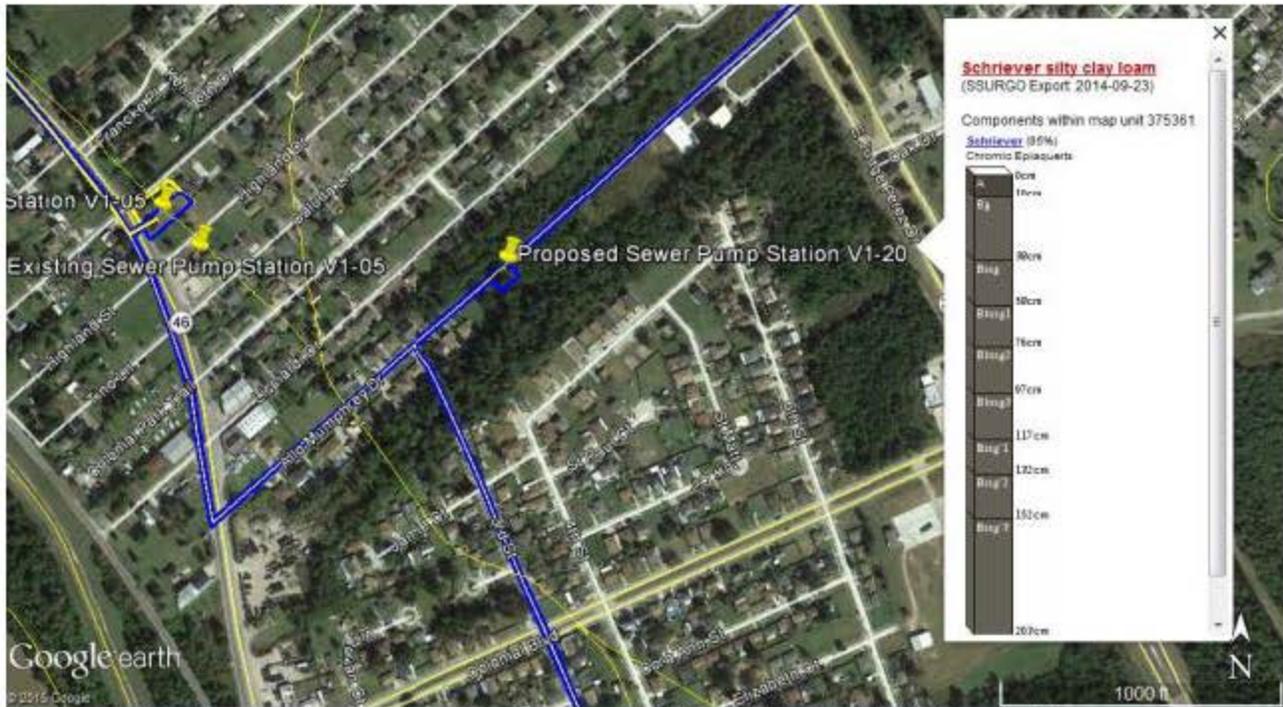


Figure 19: Soil Map for the vicinity of the APE near V1-20 and V1-17, APE is show in Blue.



FEMA

U.S. Department of Homeland Security
Federal Emergency Management Agency
FEMA-1603/1607 -DR-LA
FEMA Louisiana Recovery Office
Environmental/Historic Preservation
1500 Main Street
Baton Rouge, LA 70802

May 15, 2015

Pam Breaux
State Historic Preservation Officer
Department of Culture, Recreation & Tourism
P.O. Box 44247
Baton Rouge LA 70804

No known historic properties will be affected by this undertaking. This effect determination could change should new information come to our attention.

Pam Breaux 5-21-15
Pam Breaux Date
State Historic Preservation Officer

RE: Section 106 Review Consultation, Hurricane Katrina, FEMA-1603-DR-LA

Applicant: St. Bernard Parish
Undertaking: St. Bernard Parish Waste Water Treatment System Improvements, St. Bernard Parish, LA (HMA-1603-0421)
Determination: No Historic Properties Affected

Dear Ms. Breaux:

The Federal Emergency Management Agency (FEMA) will be providing funds authorized under the Robert T. Stafford Disaster Relief and Emergency Assistance Act, P.L. 93-288, as amended, in response to the following major Disaster Declarations:

FEMA-1603-DR-LA, dated August 29, 2005, as amended.

FEMA, through its Hazard Mitigation Assistance Program, proposes to fund the St. Bernard Parish Waste Water Treatment System Improvements, St. Bernard Parish, LA (HMA-1603-0421) (Undertaking) as requested by the St. Bernard Parish (Applicant). FEMA is initiating Section 106 review for the above referenced properties in accordance with the Louisiana State-Specific Programmatic Agreement among FEMA, the Louisiana Governor's Office of Homeland Security and Emergency Preparedness (GOHSEP), the Louisiana State Historic Preservation Officer of the Department of Culture Recreation and Tourism (SHPO), the Alabama-Coushatta Tribe of Texas (ACTT), the Chitimacha Tribe of Louisiana (CTL), the Choctaw Nation of Oklahoma (CNO), the Jena Band of Choctaw Indians (JBCI), the Mississippi Band of Choctaw Indians (MBCI), the Seminole Tribe of Florida (STF), and the Advisory Council on Historic Preservation (ACHP) regarding FEMA's Hazard Mitigation Grant Program (2011 LA HMGP PA) dated January 31st, 2011 and providing the State Historic Preservation Office with the opportunity to consult on the proposed Undertaking. Documentation in this letter is consistent with the requirements in 36 CFR §800.11(d).

Description of the Undertaking

This undertaking was developed to alleviate surcharge conditions in several areas of the Violet sewer system within the boundary defined by the area between E. St. Bernard Hwy, E. Judge Perez Drive, Maureen Lane, and C Street (Figure 1). This area is currently served by a system of gravity sewers and pump stations that collect sewage and transport it to the existing Pump Station V 1-05 (PS V1-05) located on Highland Dr. near E. St. Bernard Hwy. The north section of the project area is served by various pump stations and gravity sewers which all direct flow to Pump Station V1-06 (PS V1-06). PS V1-06 pumps sewage to an existing 8-inch gravity sewer in E. St. Bernard Hwy. The gravity sewer transports the sewage to PS V1 -05.