



**State of Louisiana**  
**DEPARTMENT OF ENVIRONMENTAL QUALITY**  
**ENVIRONMENTAL SERVICES**

May 28, 2014

Mr. Nicholas Gaspard  
Fenstermaker & Associates, LLC  
135 Regency Square  
Lafayette, Louisiana 70508

AI No.: 191392  
Activity No.: CER20140001

RE: Helis Oil & Gas Company, LLC – Eads Poitevent No. 1 Well  
Water Quality Certification WQC 140328-02  
Corps of Engineers Permit MVN-2014-02952-ETT  
St. Tammany Parish

Dear Mr. Gaspard:

The Louisiana Department of Environmental Quality, Water Permits Division (LDEQ), has received notice of the application for a 401 Water Quality Certification/Corps of Engineers 404 Permit to clear, grade, excavate and place fill material to construct a 10.55 acre drilling well pad to be used for subsurface hydraulic fracturing for the exploration and potential future extraction of oil and gas in Mandeville, St. Tammany Parish. Prior to processing the certificate, LDEQ requires the following:

- 1. A commercial processing fee of \$350.00.**
- 2. Block 17 of the application states that the proposed work area is east of Log Cabin Road and west of Louisiana Highway 1088. However, when the coordinates of the project given in Block 15 of the application are mapped, the project is actually west of Log Cabin Road and east of Louisiana Highway 1088. Please provide information to correct the discrepancies in Blocks 15 and 17 of the application.**
- 3. Block 23 of the application specifically states that an existing access road will be utilized to minimize surface impacts. However, included in the application package is a set of revised drawings dated March 14 and 26, 2014, illustrating the addition of a guard shack and alterations to the access road that are not included in the application. The submission of an amended application is required for consideration of these revisions.**
- 4. Maps, drawings or plats that provide sufficient detail to accurately delineate the boundaries of the land owned and the boundaries of the portion utilized for the proposed project. Include any pipelines and utilities right-of-ways that may be present on the property.**

5. **A clear set of plans indicating the type, diameter or cross-section and length of any conduit conveying any discharge from the proposed project.**
6. **A clear set of plans indicating drainage patterns for the development, including all conveyances.**
7. **Maps, drawings or plats that provide sufficient detail to accurately delineate the location, dimensions and type of any temporary or permanent structures to be erected.**
8. **Assurance, to the best of your knowledge, any excavated and fill material will be free of contaminants and will be disposed of in an approved landfill as necessary.**
9. **A detailed description of the Best Management Practices (BMPs) and any other mitigating measures implemented during construction of the proposed project to control stormwater runoff from the site.**
10. **A detailed description of the Best Management Practices (BMPs) and any other mitigating measures to be implemented during operation to control non-point source discharges from the site.**
11. **Assurance that upon removal from service, the well site and pipeline are removed. If removal results in excessive environmental damage, a plan for the cleaning and abandonment of the well site and pipeline shall be submitted and approved by this office.**
12. **Assurance that there will not be any unpermitted discharges of oil field wastes from this site.**
13. **LDEQ is required to consider all parish or municipal planning commission master plans before undertaking any action that would affect the adopted elements of the master plan as required per Louisiana Revised Statutes 33:109.1. Therefore, LDEQ requires assurance that the proposed project will not affect any adopted elements of the St. Tammany Parish Zoning Commission and the St. Tammany Parish Council master plan.**

Send all correspondence and a check or money order made payable to the Louisiana Department of Environmental Quality to the following address:

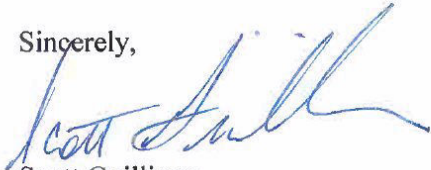
Louisiana Department of Environmental Quality  
Water Permits Division  
P.O. Box 4313  
Baton Rouge, LA 70821-4313  
Attn: Water Quality Certifications

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If this information is not received within 30 days from the date of this letter, the application will be considered inactive. If you have any questions, contact Elizabeth Johnson at (225) 219-3225 or by email at [elizabeth.johnson@la.gov](mailto:elizabeth.johnson@la.gov).

To ensure all correspondence regarding this certification is properly filed into the Department's Electronic Document Management System, please reference your Agency Interest (AI) number 191392 on all future correspondence to this Department.

Sincerely,

A handwritten signature in blue ink, appearing to read "Scott Guilliams". The signature is fluid and cursive, with the first name "Scott" being more prominent than the last name "Guilliams".

Scott Guilliams  
Administrator  
Water Permits Division

c: IO-W  
Corps of Engineers – New Orleans District