



September 28, 2010

Mr. Sam Hall  
**U.S. DEPT. OF TRANSPORTATION PHMSA**  
Office of Pipeline Safety, PHP-20  
2180 Adventure Lane  
Maidens, VA 23102

Dear Mr. Hall:

As disclosed, LANGD has included a financial report to account for the funds received from PHMSA, and we have outlined below how these funds were utilized to accommodate the outlined goals and objectives of the grant award of \$50,000.

With respect to the deliverables compiled within the grant award, LANGD selected and hired Magnolia River Services, Inc. (Magnolia River) to complete the mapping upgrade from Computer Aided Drafting & Design (CADD), within AUTOCAD, to a GIS ESRI format. Magnolia River accomplished these deliverables by using a wide variety of resources including maps produced by Lake Apopka Natural Gas District (LANGD). Magnolia River also geo-referenced the existing data received from LANGD to ensure the greatest possible accuracy.

After data projection was performed and the data was analyzed, Magnolia River began the conversion by combining land base data and the LANGD provided CADD files. Land base data was acquired from County Government GIS databases within the LANGD service areas.

In this phase, Magnolia River looked at areas of the CADD files that did not match the aerial photographs and the other land base data. This helped increase the level of accuracy in the mapping stage by pinpointing areas that were either drawn in CADD incorrectly or were not projected or imported correctly into the GIS ESRI environment. To correct these potential inaccuracies, Magnolia River contacted LANGD with specific areas of interest and corrected the GIS database.

In the final phase, Magnolia River trained LANGD employees, provided training documentation and installed and delivered the newly created maps and databases. The training was conducted to insure employees of LANGD were informed on how the new mapping program operated and comfortable with the concepts involved in designing and managing the data.

By updating the system mapping system, LANGD obtained valuable system knowledge of infrastructure and gained many analytical tools to aid with DIMP. At its current state, LANGD is now able to assess the infrastructure not only by quantities, but by spatial aspects of how the utility and the rest of the outside entities continue to interact and change from day to day.

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Magnolia River provided LANGD with a useful mapping system for asset management for day-to-day operations. Should you have any additional questions, please contact Terrill M. Booker at 407-285-7725.

Sincerely,

A handwritten signature in cursive script that reads "Samuel Davis, Jr.".

Samuel Davis, Jr.

General Manager and Chief Executive Officer

Lake Apopka Natural Gas District

cc: Terrill Booker