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During the period from 1 Oct 05 to 30 June 06, PSI and NYSEARCH have been working on the following tasks for the PIGPEN sensing program: 1) Utility Product Requirements, 2) Lab Testing of 2nd Generation (EP-2) System, 3) Field testing of EP-2 system, and, 4) Analysis of the Independent geophysical consultant's recommendations.

PSI focused on testing of the EP-2 system during the fifth and last formal quarter of this funded project. In subsequent months, PSI had discussions with all involved parties, including the independent consultant and experts that the consultant recommended on issues related to the ability of this system to meet industry specifications for location accuracy. PSI accepted the recommendations and has proposed additional activities to address this area.

During this period, NYSEARCH held internal reviews to make a determination on its level of support and recommended emphasis going forward. Also, NYSEARCH and PSI worked on product utility requirements and interfacing issues between the damage prevention application of this technology with the real time sensing platform that NYSEARCH has developed known as Gas Net™. NYSEARCH Staff also participated in field tests in the Andover, Ma. test area that PSI has access to. Also, NYSEARCH worked with PSI and the independent consultant to define tasks to address concerns about location accuracy.

This project is expected to continue for two more quarters under a modification to the existing agreement.

During the extension period, PSI is proposing to perform the following tasks:

- Incorporate geophysical modeling components into the overall system model for optimal performance in complex soil conditions
- Conduct additional field testing of the PIGPEN system in complex soil conditions

During the extension period, NYSEARCH is proposing to perform the following tasks:

- Work with PSI, the independent consultant and industry supporters to ensure that test conditions address concerns
- Communicate results and issues to all involved parties