

*(d) Public Page.*

During this first quarter, the project advanced more rapidly than envisioned by the proposed and accepted T&D Milestone Schedule. Specifically, in order to meet commercial product objectives, project team member and cost-share contributor Heath Consultants upgraded the vehicle to be deployed, including dual roof-mounted RMLD units and a point sensor with Herriott multi-pass optics. In addition, plans were initiated for building a second-generation scanning RMLD unit for leak rate estimation intended for field testing in March 2016. This accelerated schedule was presented to PHMSA during the project kickoff meeting on 3 December 2015. These accomplishments are placed in context of project tasks and milestones below:

*Task 2: Project Kickoff Meeting.*

A kickoff meeting presentation for the Project Team was prepared. The meeting was held with PHMSA participation on 3 December 2015, thus achieving Project Deliverable #2 and completing T&D Payable Milestone Item No. 3. The presentation is attached to this report as Appendix A.

*Task 3: System Hardware Development*

In preparation for early field test, PSI has begun design of a second-generation scanning RMLD unit for improved leak flux estimation.

*Tasks 4 & 5: System Data Processing, Algorithms Development, and Integration.*

Task 5: Heath Consultants assembled a second Multi-Sensor Mobile System platform including two roof-mounted side-scan RMLDs and a pumped-extractive point sensor with multi-pass optics, and an anemometer. The platform will accommodate the second-generation scanning RMLD unit when it is completed during the upcoming quarter.

Task 4. Software to ingest and record data provided by the various sensors and a graphical user interface was created, installed on a portable computer, and functionally tested. This work completes T&D Payable Milestone No. 5.

*Task 8: Reporting*

This Quarterly Report completes T&D Payable Milestone No. 6.