Project Newsletter- *Special Edition*

Special Edition- Fall 2012

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Data Warehouse Replacement System Project Summary

In September 2012, IDPH finalized an agreement with Microsoft Consulting Services for the development of the interface for a new data warehousing system. This project has several overarching goals including:

- Migration of data for the new warehousing system
- Review of department technology infrastructure configuration
- Installation of and IM training on SharePoint 2013, or 2010 (depending on the SharePoint 2013 product release date)
- Development of a contract management solution for the Iowa Health Information Network program
- Construction of public and secure portals for access to health data
  - Interaction with data in the form of filtered reports with multiple viewing options (i.e., graph, chart, table)
  - Interaction with data in the form of datasets
- Inclusion of a metadata creation and modification tool

The project is expected to last approximately six months from the kick-off meeting anticipated for the month of November. See **Figure 1** for the complete project timeline.

For more information about this project, see the Frequently Asked Questions documented posted on the Data Warehouse website- http://www.idph.state.ia.us/DWH/.

Project Staff:

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Data Warehouse Replacement System Project Background

The Data Warehouse (DWH) replacement system project was initiated from a grant awarded to the Division of Environmental Health, which resulted in the creation of the Environmental Public Health Tracking (EPHT) program. There are 22 other EPHT states and the initiative is supported by the Centers for Disease Control and Prevention. Aims of the EPHT program include:

- Improved access to environmental health data
- Ability to compare and contrast like environmental health issues across states and at a national level
- Provide access to health data to the public in addition to public health partners

The EPHT projects throughout the country are very diverse, but involve the development of public and secure data access "portals". Iowa is unique in that the DWH already serves as a secure access point for data. However, much was needed to bring the DWH up to the standards required by the EPHT grant.

At this time last year the DWH and EPHT program staff carried out a comprehensive needs assessment with the following goals:

- Identify which data IDPH staff and data users frequently use and need
- Determine how the existing DWH needs to be modified in order to meet the objective of the EPHT grant
- Assess what IDPH internal data management efforts might be used to support this project

The needs assessment was extremely helpful in accomplishing the aforementioned goals. The department needs assessment report and business plan are available at http://www.idph.state.ia.us/DWH/.

After completing the needs assessment, the DWH and EPHT team worked with the Bureau of Information Management (IM) to draft business requirements for modifying the existing DWH. In September 2012, IDPH finalized an agreement with Microsoft Consulting Services for the development of the interface for a new data warehousing system. Starting in fall 2012, the Iowa Department of Public Health will begin working with Microsoft Consulting Services on expansion and replacement system for the existing DWH.

Data Warehouse Replacement System Project Timeline

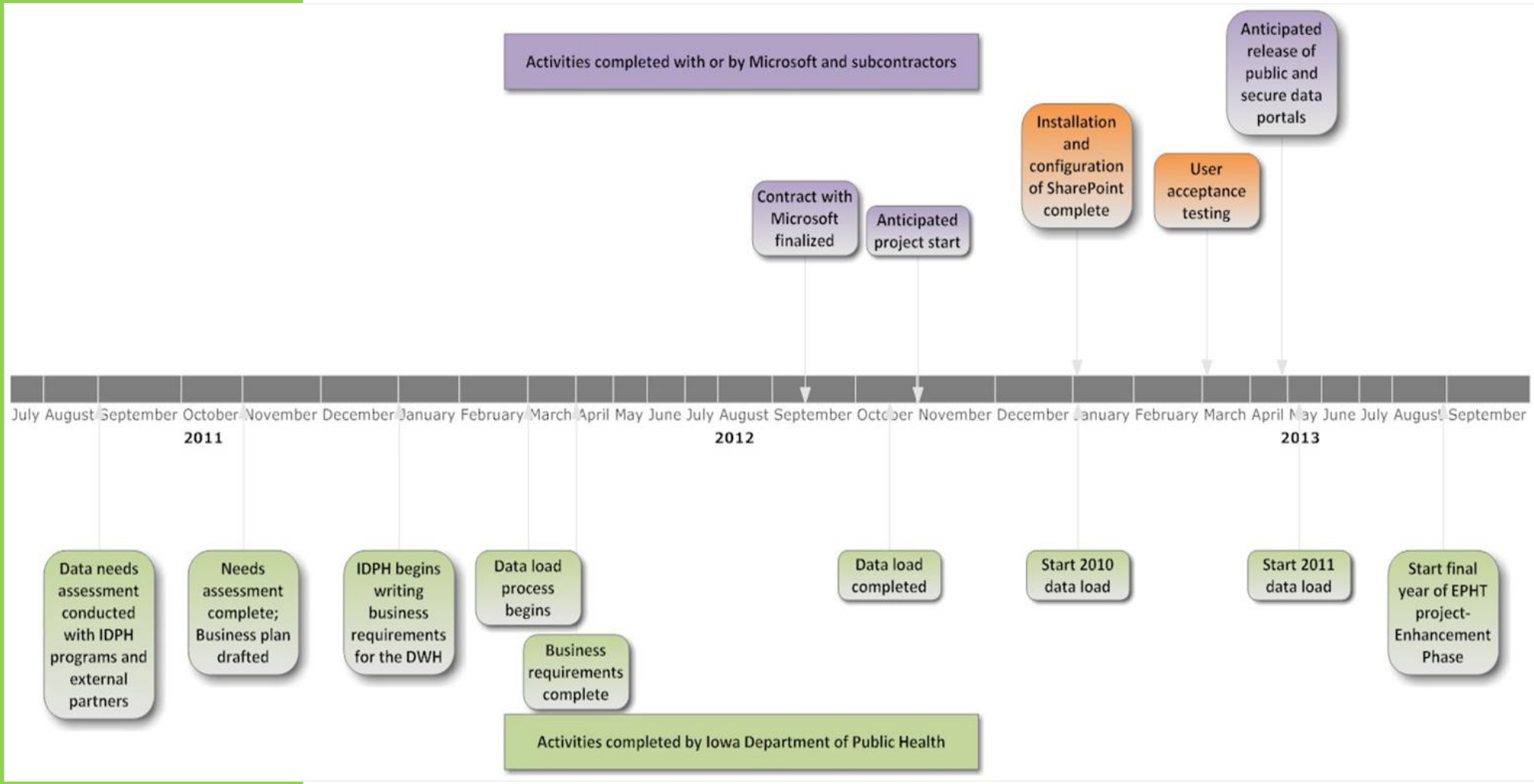

Figure 1. Complete project timeline

Data Warehouse Replacement System Project Personnel

Name	Contact Information	Role
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