

The background of the slide is a topographic map with white contour lines on a dark teal background. A semi-transparent white rectangular box is centered on the map, containing the main text. There are three white plus signs: one in the upper left, one in the lower left, and one in the bottom right corner of the slide.

New Department of Environmental Quality GIS Data Viewer

GI Council Meeting
February 5, 2016

DEQ GIS Viewers

- One legacy application is built on ArcIMS (2002) technology and the other on Flex (2012)
- Wanted to migrate two legacy web mapping applications to more modern technology
- January 2014 – Started process to hire contractor to build new viewer



New GIS Application

- Tightly integrated with the ArcGIS Platform
- Built on the Web AppBuilder framework
- Meet most of the requirements with out of the box Web AppBuilder functionality
- GEO Jobe extended existing widgets to meet some requirements



GIS Upgrades

- Upgraded to
 - ArcServer 10.3
 - SQL Server 2012
 - ArcGIS Desktop 10.3.1
- Updated information on ArcGIS Online Homepage

The screenshot shows the homepage of the Oklahoma Department of Environmental Quality (DEQ) GIS Maps and Data portal. The page features a navigation bar with links for Home, Gallery, Map, Scene, and Groups, along with a Sign In button and a search box. The main header displays the title "Oklahoma DEQ GIS Maps and Data" and the DEQ logo. Below the header is a carousel of four featured content items: "Land Protection Gallery" (with a green "LAND" overlay), "DEQ Data Viewer" (with a map of Oklahoma), "Air Monitoring Sites" (with a photo of a monitoring station), and "HAZARDOUS WASTE Permit Sites" (with a yellow and black hazard sign). Below the carousel, there is a section for the "DEQ Data Viewer" with a link to visit the new version and three sub-links: "Link to Water Quality Maps", "Link to Land Protection Maps", and "Link to Environmental Complaints and Local Services Maps". At the bottom, there is a feedback link and a disclaimer regarding data accuracy and liability.

Going Live

- Set up new virtual directory name
- Create redirection web pages from old applications
- Stop all editing of SDE database
- Take cut of data from old database and update new database
- Update desktop licenses and license manager
- Share new app with Featured Content group on AGO (add new thumbnail)
- Update DNS for new web server
- Run Geo Jobe's admin tools
- Confirm app still working
- Outreach and Training

New Links

- ArcGIS Homepage:

<http://deq.maps.arcgis.com/home/index.html>

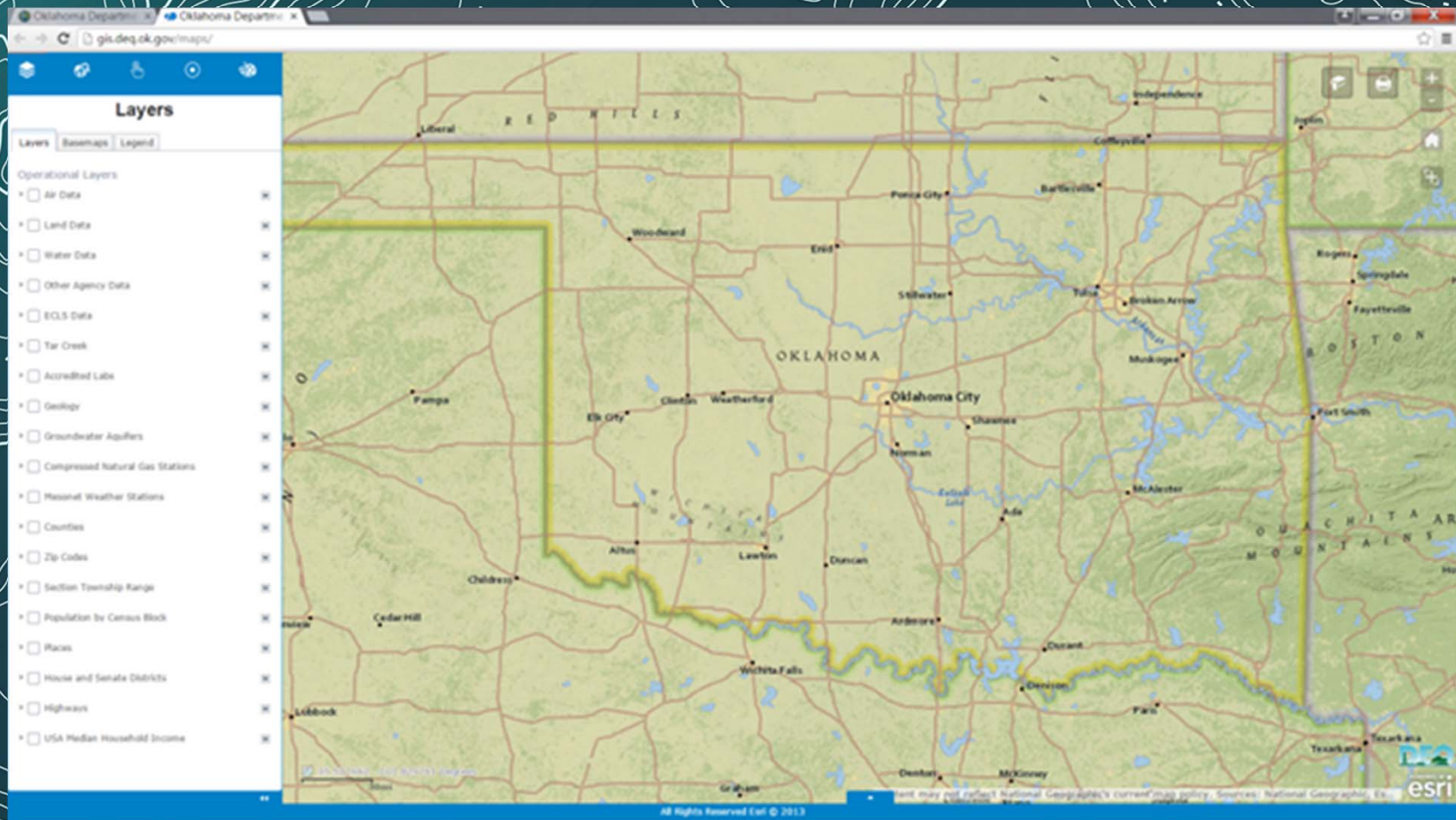
- New Viewer Link:

<http://gis.deq.ok.gov/maps/>

- New Rest Service Link:

<http://gis.deq.ok.gov/arcgis/rest/services>

Viewer Demonstration



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