

GEMS 2.6 Features:

Several enhancements have been added in GEMS 2.6 to improve the user experience. These enhancements include:

- Increasing the reliability of GEMS reporting and display.
- Improving GEMS documentation.
- Improving GEMS tools - enhancements to the Draw Polygon tool and the Locate Address tool which now displays results at a more appropriate scale.

GEMS 2.5 features:

Interactive Report Charts:

Interactive report charts have been added to GEMS. After specifying your report parameters, if you select “Show On Map”, you’ll be able to interact with a chart of your results. The option to display a formatted .pdf report is available as before.

The screenshot displays the GEMS 2.6 web interface. At the top, a red banner reads "You are viewing the UNRESTRICTED version of GEMS". Below this, the "Environmental Data" panel is active, showing a table of data for Uranium. The table has columns for Location, Analyte, Date, and Result. A blue arrow points to the "Show On Map" button. Below the table, a "Uranium Unit of Measurement" dropdown is set to "pCi/L". The "Finish" section contains "Generate Report", "Update Map", and "Clear Map" buttons. The main map area shows a satellite view of a field with several data points marked by colored dots. A scale bar indicates a scale of 1:2257. The bottom of the interface features a red banner with "You are viewing the UNRESTRICTED version of GEMS" and a footer with "County of St. Louis, MSDIS, Esri, HERE, DeLorme, Intermap, iPC, USGS, USDA, EPA | DOE LM" and the Esri logo. The system tray at the bottom right shows the time as 2:46 PM on 9/18/2015.

Location	Analyte	Date	Result
WEL01-MW-2001	Uranium	3/3/1987	0.9999 (U)
WEL01-MW-2001	Uranium	5/29/1987	2.40
WEL01-MW-2001	Uranium	9/1/1987	1.50
WEL01-MW-2001	Uranium	12/3/1987	1.20
WEL01-MW-2001	Uranium	3/8/1988	0.9999 (U)
WEL01-MW-2001	Uranium	6/10/1988	0.9999 (U)
WEL01-MW-2001	Uranium	8/15/1988	2.00 (JU)
WEL01-MW-2001	Uranium	11/14/1988	0.9999 (U)
WEL01-MW-2001	Uranium	4/8/1989	1.80
WEL01-MW-2001	Uranium	4/5/1990	0.68 (U)

Flexible Report Output:

When displaying your report results in a popup grid on the map, you can now add any attributes that were previously available only on the .pdf formatted report. Just click on the “Plus” sign in the upper right hand corner of the grid to select attributes to add.

The screenshot shows the GEMS web application interface. At the top, a red banner reads "You are viewing the UNRESTRICTED version of GEMS". Below this is a browser window with the URL "gems-int.testnet.local/#mode=env&site=WEL". The main content area features a popup window titled "Environmental Data" with a "Select Analyte to Show" dropdown. The popup contains a table with the following data:

Location	Analyte	Date	Result
WEL01-MV-2001	Uranium	3/3/1987	0.9999 (U)
WEL01-MV-2001	Uranium	5/29/1987	2.40
WEL01-MV-2001	Uranium	9/1/1987	1.50
WEL01-MV-2001	Uranium	12/3/1987	1.20
WEL01-MV-2001	Uranium	3/8/1988	0.9999 (U)
WEL01-MV-2001	Uranium	6/10/1988	0.9999 (U)
WEL01-MV-2001	Uranium	8/15/1988	2.00 (U)
WEL01-MV-2001	Uranium	11/14/1988	0.9999 (U)
WEL01-MV-2001	Uranium	4/8/1989	1.80
WEL01-MV-2001	Uranium	4/5/1990	0.68 (U)

Below the table, there is a "Uranium Unit of Measurement" dropdown menu set to "pCi/L". At the bottom of the popup are buttons for "Generate Report", "Update Map", and "Clear Map". A blue arrow points to a plus sign in the top right corner of the table. The background is a satellite map of a field with a scale of 1:2257. A red banner at the bottom of the map area also reads "You are viewing the UNRESTRICTED version of GEMS".

Additional Spatial Services:

National Wetlands Inventory map service and the National Flood Hazard map service have been added as non-GEMS layers that can be added to the GEMS map by clicking the “Add Layers” button.

