

About PHOENIX

The Department of Energy has partnered with the Pacific Northwest National Laboratory on PHOENIX, a family of spatially enabled web applications providing quick access to decades of valuable scientific data and insight through intuitive query, visualization, and analysis tools.

PNNL-Hanford Online ENvironmental Information eXchange provides a single access point to multiple data sets via standard web browsers. PHOENIX also provides data visualization tools and provides explanations of key data sets to aid understanding. PHOENIX applications are based on the innovative technology applied by the Pacific Northwest National Laboratory (PNNL) to access and visualize other environmental data sets at the Hanford Site.

By integrating previously isolated datasets and developing relevant visualization and analysis tools, PHOENIX applications are enabling DOE to discover new correlations hidden in legacy data, allowing them to more effectively address complex issues at Hanford.

About Quick Look-Up

Quick Look up (QLU) allows users to locate, and obtain summary information about features on the Hanford site such as wells and waste sites. These features can be searched using complete or partial names.

PHOENIX applications are linked together so users can send results from QLU to other applications (such as Well Dashboard, GIS Explorer [connectivity coming soon] or Tank Farm Dashboard) for more detailed information about the well or facility, including attributes, sampling history, among others.

Questions, Comments, Concerns, Feedback?

Contact the PHOENIX team: PHOENIX@pnnl.gov

Main QLU Screen – Search for either wells or waste sites using the drop-down.

Full names (e.g., 199-D4-84) can be used to find a specific feature. Partial names (e.g., D4) shows all features containing that text.

Sort the results table by **Name** or **Type**.

Send the results to the **Well Comparison Explorer** or **Well Contaminants Explorer**.

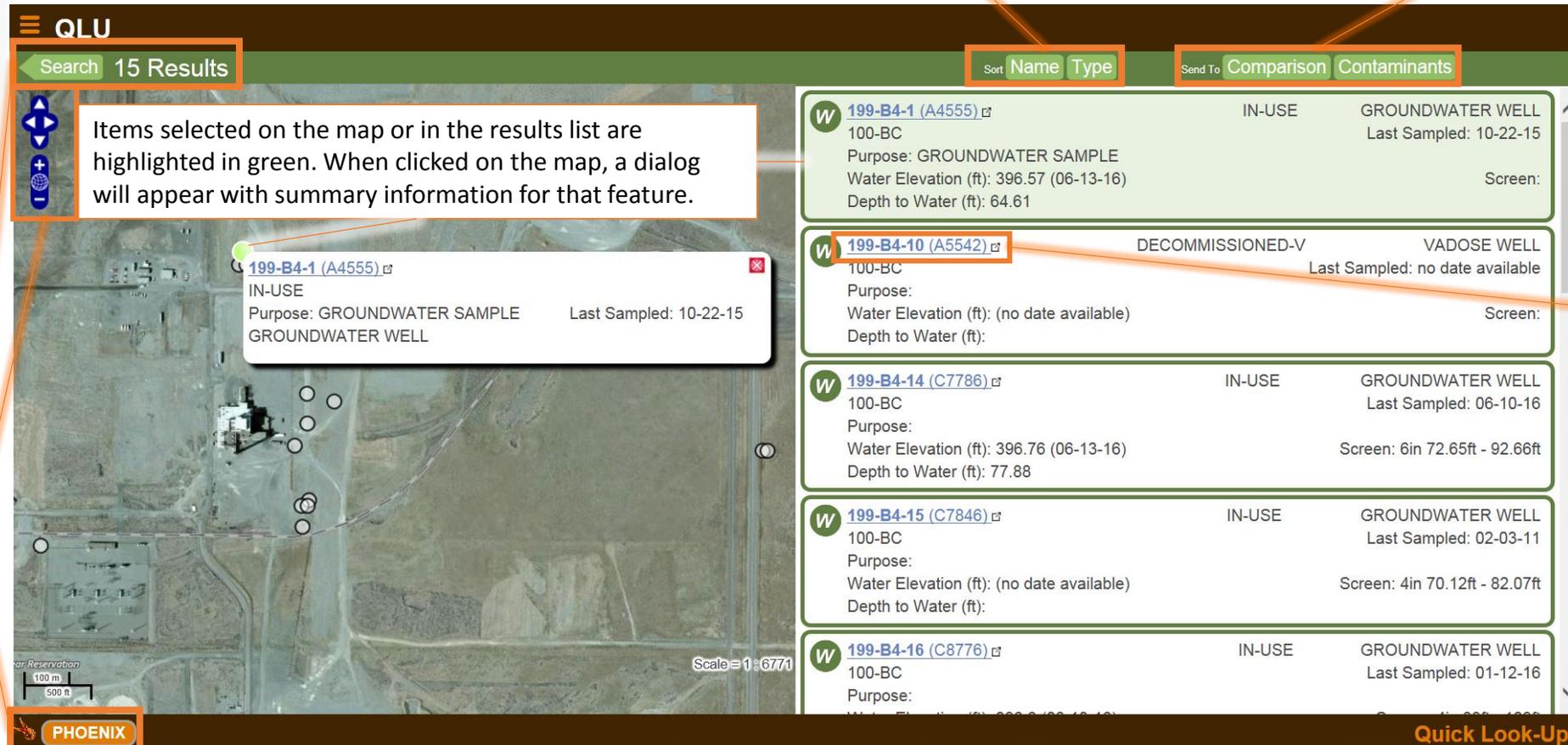
Items selected on the map or in the results list are highlighted in green. When clicked on the map, a dialog will appear with summary information for that feature.

Open the well in the **Well Dashboard** by clicking on the well name link in the list or in the map information pop-up.

Total number of search results. Click Search to return back to the main QLU screen.

Zoom and pan the map using the blue icons in the upper left hand corner.

Click the “PHOENIX” icon to return to the application gallery.



Well ID	Status	Type
199-B4-1 (A4555)	IN-USE	GROUNDWATER WELL
199-B4-10 (A5542)	DECOMMISSIONED-V	VADOSE WELL
199-B4-14 (C7786)	IN-USE	GROUNDWATER WELL
199-B4-15 (C7846)	IN-USE	GROUNDWATER WELL
199-B4-16 (C8776)	IN-USE	GROUNDWATER WELL

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