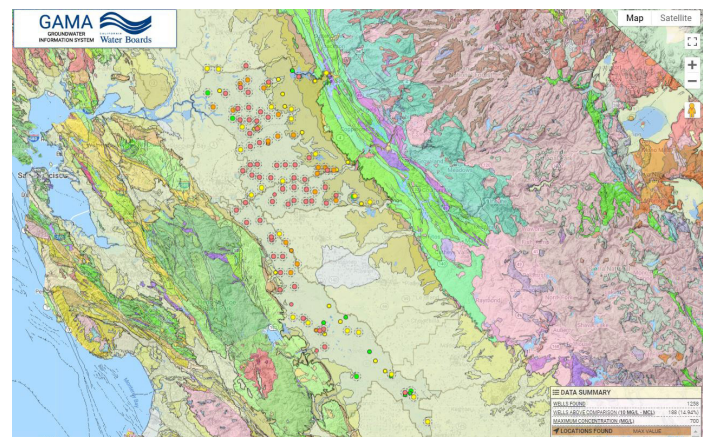
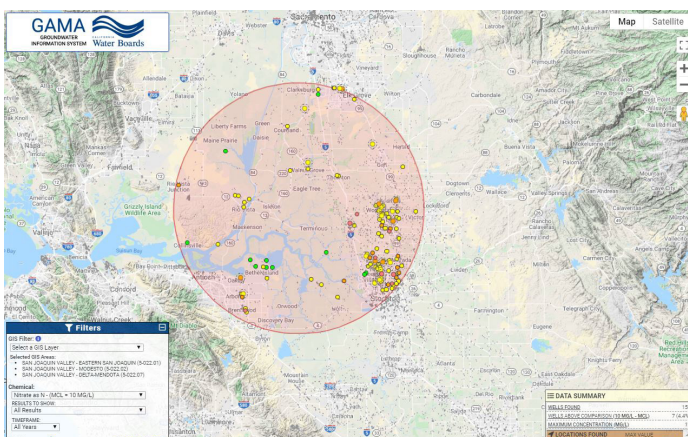


The **GAMA Groundwater Information System (GAMA GIS)** is the data management system created in response to the Groundwater Quality Monitoring Act of 2001-AB599 (Wat. Code, §§ 10780 – 10782.3). AB 599 identified the importance improving groundwater quality monitoring and increasing the availability of that information to the public. AB 599 also required the State Water Board integrate existing data from various monitoring programs throughout the state.



GAMA GIS integrates, standardizes and geographically displays groundwater quality information from multiple sources through a publicly accessible platform.

GAMA GIS offers analytical tools, reporting features, and supporting datasets to assess small and large scale groundwater quality to help identify potential groundwater issues.

Users can filter results by well depth, type and/or geographic area. Data query options allow users to see concentration results above various chemical thresholds or user defined values. Data outputs can be exported directly from the map query. Large or statewide datasets are available through the data download site.

Groundwater quality data is regularly updated based upon data availability, typically ranging from monthly to yearly through a variety of connections including: server connections, manual integration, or upload through the **GAMA** data connection tool.

Datasets are integrated and displayed from the following sources:

- Department of Pesticide Regulation (DPR)
- Department of Water Resources (DWR)
- Lawrence Livermore National Laboratory (LLNL, LLNLNOBLE)
- State and Regional Water Board regulatory programs (EDF, AGLAND)
- State Water Board – GAMA Program water quality data (GAMA, USGS)
- State Water Board – Division of Drinking Water public supply well water quality (DHS)
- United States Geological Survey (USGSNEW)

Currently, **GAMA GIS** contains water quality data for over 300,000 groundwater wells (approximately 40% containing some construction information) with over 90,000,000 standardized sampling results.