

Camrosa Water District – Enterprise GIS

Highlights

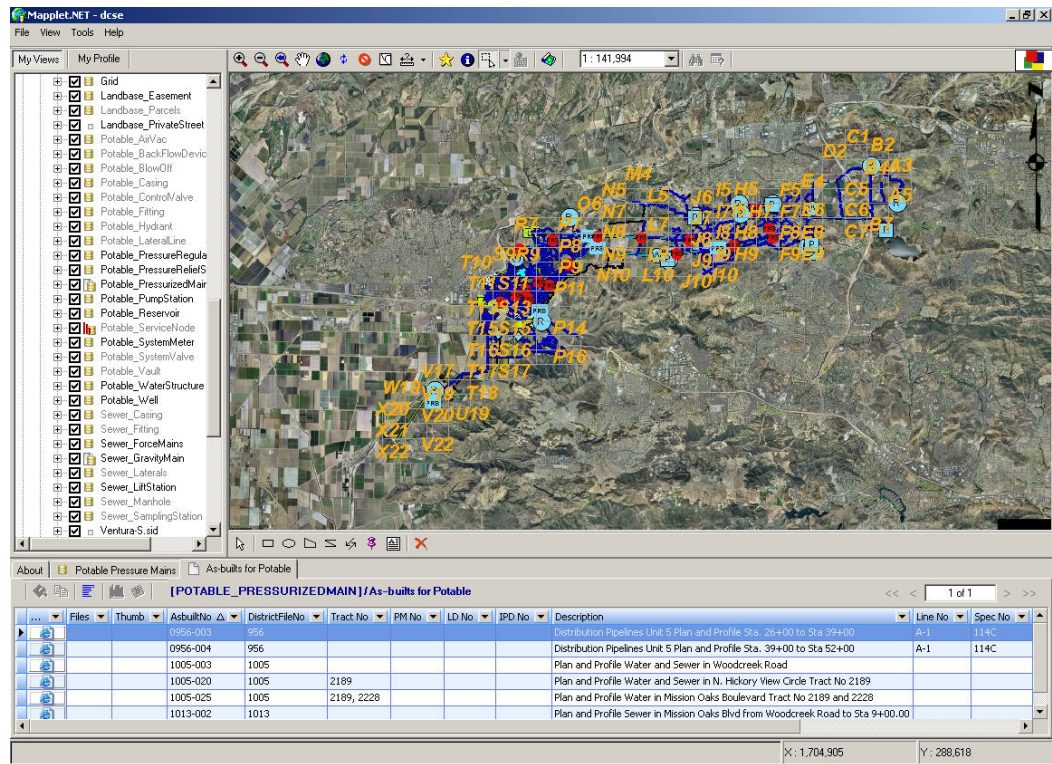
- Geodatabase
- Conversion
- Links to external applications

Benefits

- Industry Standard
- Data Sharing
- Enterprise GIS Access to Data using Mapplet.Net
- Instant Access to As-builts via MapLibrary

Project Owner

- Camrosa Water District



The Camrosa Water District is located in Ventura County, California. The District serves a population of 31,000 with a service area of 31 sq. mi and consists of potable water, sewer and non-potable water utility systems.

DCSE has designed a comprehensive geodatabase to meet the District's needs for all the three systems and basemap components. The design also accommodated GIS interfacing with various other applications at the District such as SCADA systems and customer service database.

DCSE completed conversion of all of the District's facilities from CAD format to geodatabase and also adjusted the facilities to the County basemap. In addition to bringing across line work, DCSE also captured as many attributes that are possible and created feature-linked annotations. The pipes in each system were assigned as-built numbers so as to enable linking to as-builts.

At the end of the conversion project, the District distributes its enterprise GIS data using Mapplet.Net interface along with the ability to generate reports based on SCADA and customer service information. The current system also makes their as-built management very simple, and users can get to the scanned as-builts via MapLibrary interface in a couple of clicks from Mapplet.Net web interface. The District reaped the benefits of the system almost instantly given their limited resources.

