

GIS Solutions for Municipalities

MULTIPLE MUNICIPAL DEPARTMENTS TOWN OF WESTPORT, CONNECTICUT

Client Needs:

Improve baseline data and methods for updating. Town's topographic and planimetric maps were last updated in 1974. Revisions to wetland lines, parcel lines and infrastructure were done by hand and some data updating was years behind.

Provide data sharing and analysis mechanism. No means existed for obtaining comprehensive view of development or efficiently responding to citizen requests and State mandates for environmental reporting.

Conform to Town's staff and budget limitations. Town was searching for solution not requiring formation of GIS department or acquiring proprietary and costly desktop software for each user.

Sewall Solution:

New data. Based on new aerial photographs by Sewall, color orthophotography provides a base for planimetric, topographic, cadastral, and other mapping layers.

Robust web-based tool with ESRI ArcIMS™ functionality. Web-enabled GIS hosted by Sewall will allow all Town personnel to access current, consistent data and to perform complex analyses using simple web browser.

Custom applications. *Download feature* will allow each department to capture discrete data to meet its project requirements; *Issue Tracker* will bring maintenance activities from paper to efficient digital platform.

Client Benefits:

Improved decision making. Rapid spatial analyses using single, comprehensive, accurate map base.

Automation of routine tasks. Replacement of certain manual tasks (e.g., abutters mailing list) with automated applications that can be performed from any location with an Internet connection.

Reduced cost of government services. Efficiencies gained by outsourcing GIS development and maintenance activities, improved department workflows resulting from GIS implementation, and integration and leveraging of current, accurate data.

For information on Sewall's GIS solutions, please contact Aaron Weston, CMS, Project Manager, at 207 827 4456; aaron.weston@sewall.com



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