

PROJECT: Clock Tower Place 3-D Rendering; Maynard, MA

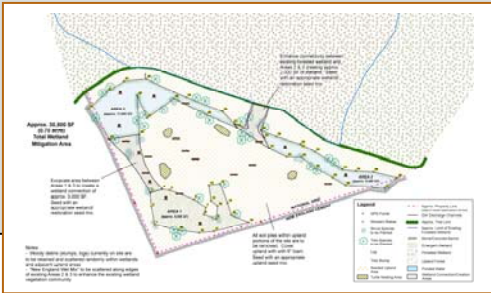
CLIENT: Various Clients

Epsilon developed a three dimensional model of the Clock Tower Place office park, using SketchUp design software. The rendering was created using aerial photography as a basemap, which was imported into SketchUp from the Google Earth software. Building footprints and other features were extruded to their approximate heights. The 3-D rendering can be re-inserted into Google Earth for visualization on the landscape.



PROJECT: New England Cement Block; Dracut, MA

CLIENT: New England Cement Block



Epsilon developed a wetland mitigation plan in response to an enforcement action issued by the Dracut Conservation Commission. A wetland mitigation conceptual plan was developed in GIS, which integrated GPS collection points, surveyed topography, and existing MassGIS datasets. The conceptual plan, which was approved by Mass. DEP, highlighted the location of new tree & shrub plantings, woody debris, and wetland planting locations.

PROJECT: Mount Hope Bay Tidal Restriction Atlas; Southeastern, MA

CLIENT: U.S. Army Corps of Engineers

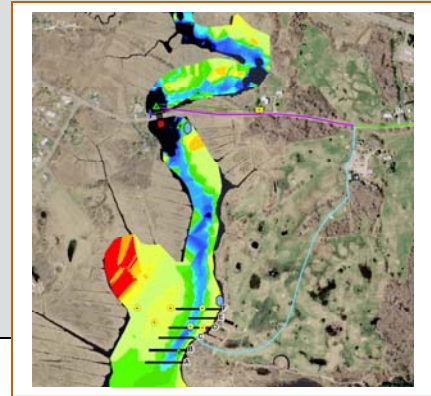
Epsilon worked with the State Wetlands Restoration Program and U.S. Army Corps of Engineers identify and assess tidal restrictions and habitat restoration opportunities in coastal areas of Mount Hope Bay. GIS analysis of potential sites and field investigation were integral components of the project. The project deliverable was an interactive Adobe PDF document which linked site-specific data sheets to aerial photographs and USGS topographic maps. Users of the document can navigate around the study area, locate overview maps at different scales, and retrieve data specific to certain locations, all without having the actual GIS software on their computer. The interactive document was provided to state agencies and other stakeholders on a CD.



PROJECT: Swansea Desalination Project; Swansea, MA

CLIENT: Swansea Water District

Epsilon is spearheading the permitting of a 2 MGD desalination water treatment plant to provide enhanced water supply capacity and flexibility to the residents of Swansea. GIS was utilized to map discharge and intake pipes, locate field-delineated wetlands, and calculate construction impacts. GIS was also employed to explore discharge-related impacts to the Palmer River, using bathymetry data supplied by Applied Science Associates (ASA) and engineering data from Prism Environmental. Epsilon produced over 30 GIS graphics for various regulatory filings.



PROJECT: Weaver’s Cove Energy Proposed LNG Terminal; Fall River, MA

CLIENT: Weaver’s Cove Energy, LLC



The client received numerous comment letters from home and business owners around the project area. Given a spreadsheet with the letter addresses and a TIGER road layer, Epsilon’s GIS team used an automated technique called “geocoding” to map the source locations of each comment letter. Large plots were provided to the client to illustrate the spatial extent of all commentators. GIS was also used to locate the limits of the project notification area, so businesses and residences in proximity to the proposed project could be notified of important filings and town meetings.