

## NATURAL RESOURCE INVENTORY MAP ATLAS

### Sources of Data

The maps included in this atlas were developed using ESRI's ArcView 3.3 program. The maps are spatially accurate with varying degrees of on the ground accuracy depending on the data used to create them. The maps should be used for planning purposes only and are for the most part not considered to be accurate to the parcel level. The exception to this is the Aerial photography, which, by its nature, shows accurate photographic information.

Sources of data used in the creation of the NRAI Map Atlas include the following:

- SBC digital Orthophotography 2002 flight and planimetric data from 2002 flight
- Town of Guilford parcel data scanned from assessor's maps, rectified to road lines by Brodie Group and updated to 2002
- FEMA data 2002
- GDT Road data 2000
- CT DOT road data 2000-2001
- CT DEP data (including USGS, EPA, and USDA data) from 2002 and 2005
- Data produced by USDA NRCS in conjunction with the Guilford Community Land Use Project 2003-2004
- Data produced specifically for the Natural Resource Inventory and Assessment to depict:
  - Coastal Features
  - Natural Scenic Resources
  - Open Space Resources of State/Regional/Federal Significance
  - Trails and Recreational Areas
  - Wildlife Movement Corridors
  - Significant Wetlands, Rivers and Waterbodies
  - Outstanding Grasslands, Fields and Forests
  - Significant Natural Resource Areas

All maps for this Atlas were created using the Town of Guilford Geographic Information System (GIS) during 2004

#### Acronyms

CT DEP	Department of Environmental Protection
CT DOT	Connecticut Department of Transportation
EPA	Environmental Protection Agency
FEMA	Federal Emergency Management Agency
GDT	Geographic Data Technology, Inc.
SBC	Southern Bell Company
USGS	United States Geological Survey
USDA	United States Department of Agriculture

#### Acknowledgements:

Special thanks are due to Leslie Kane, Guilford's Environmental Planner and GIS Administrator whose technical expertise was invaluable in the creation of the Map Atlas. Working with Leslie, Jennifer Alcock, (landscape designer and Chair, Conservation Commission), Shelley Green (conservation biologist), and Erin O'Hare (land use planner) developed those maps that were specifically created for the Map Atlas as listed above.