

Project Facts

Project Name & Location:

Seneca Resources Corporation Forestry GIS
Western Pennsylvania and Southern Tier of New York

Project Manager:

Seneca Resources Corporation
R.D. 2 Box 83A
Kane, PA 16735
Attn: Craig Bowley, Forester

Completion Date: 2001 (On-going)

Cost of Entire Project: N/A

Work for Which Firm Was Responsible: (Pending)

Nature of Firms Responsibility:

Land & Mapping Services was hired by Seneca Resources Corporation to provide them with a GIS system (Geographic Information System) to be utilized as a company wide forest management tool. The Seneca forestry staff will use this system to store, access and update forest cruise data as well as calculate annual growth and record harvest volume. Seneca foresters will also have access to a mapping coverage layer showing all properties. All coverage's can also be quickly printed out as hard copy thematic maps showing species, age class, site index and density distribution. Additional work will include the field survey and the completion of well permits on approximately 35 new well sites.

Work For Which Firm Was/Is Responsible:

- Color IR Photography
- Development of a GIS Data Base
- Conversion of tabular data from .TXT and .XLS to dBase file format.
- Digitizing all property, compartment and stand boundaries
- Creation of customized user interfaces and scripting in ArcView™
- Conversion of .DWG vector quads to ARC/INFO coverage's.
- Site surveys and well permits

Output:

- Final spatial data output will be in ARC/INFO coverage's, in "Arc Library".
- Tabular data will be in dBase .DBF file format.

