



# New York State Department of Environmental Conservation Conservation Easements

# CE - STATS.

- 152 separate easements.
- 750,000 total acres.(85% is working forest).
- 770 private lease camps to monitor.
- Contracted to purchase 92,000 acres of additional working forest easements over the next 3 years.
  - Adding 340 additional camps.

# Monitoring system options

- GIS based systems Vs Tabular database system w/o GIS environment.

# Monitoring system

- GIS based system – ESRI software
- Enterprise Geo database – Oracle Server.
  - Department wide system
- Inside Geo database resides our DataSet
- Individual GIS layers or feature classes reside inside our Dataset.
- Through the Enterprize Geo Datebase regional staff can access, view and edit files.....
  - Permission
    - Edit view of system VS. View only access

# GIS option

- One GIS layer contains easement parcels or polygons.
  - Each easement has unique project No. and Facility name.
  - Hyper links though a URL in a text field provide...
    - Scanned deeds
    - Survey Maps
    - Recreation Plans
    - Recreation Maps
    - Baseline document
    - Forest Management plans
    - Monitoring Plans
    - Monitoring activity file (ever growing PDF file)
      - Decision not to log every contact with land manager or owner.

# GIS options

- One GIS layer contains Private lease camps or points.
  - Hyper links through a URL in a text field provide...
    - Photos and camp sketches and dimensions.
- One Relational table linked to GIS contains owner names and mailing address
  - Generate annual contact letter to land owners.
  - Additional relate table could be added to track sales of subject parcel to new owners.

# options

- Tracking contacts
- Tracking previous owners
- Ortho Imagery VS. flying over property
  - NYS has a program to fly/photo every county at least once every 4 to 5 years.