

This training resource is designed to help conservation district directors and employees stay informed of key points discussed in recent web-based training. The document should be listed on the district's meeting agenda for discussion and review.

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### OKMaps

- An interactive data viewer and clearinghouse managed by OGI
- Users may view geospatial data and metadata related to the state of Oklahoma and download data in a variety of formats for use in GIS and mapping applications
- Website: <https://okmaps.org/OGI/default.aspx>
- Help Guide: <https://okmaps.org/OGI/OKMapsHelp.aspx>

### Using OKMaps

- Navigate by using:
  - Zoom in/out slider bar, mouse, or toolbar
  - Pan using the slider bar or toolbar
  - Go to previous map view
- Multiple layers are available
  - Thematically organized
  - Add layers to view different data information including, but not limited to, statewide parcel information, watershed structures, and conservation district boundaries
- Share maps via
  - Email and/or bookmark
  - Print as a PDF

### Watershed Easement Mapping Project

- Districts have been scanning watershed easements and submitting them to OCC.
- OCC has developed a GIS database with spatial data layers (shapefiles) to help visualize easements, additional ingress/egress, and encroachment areas. The data will be available for download and on the web via OKMaps in the future.
- Key attributes that are being captured in the project:
  - Easement type
  - Legal description and type
  - Key dates
  - Special provisions
  - Ingress/egress areas
- As of August 2024, progress continues on the project. Spatial data is not yet publicly available but is expected to be made available in the future.
- The project is mapping 4 flood pool elevations using digital elevation models built from LIDAR. Three of the 4 contours are based on NRCS dam elevations from construction drawings. The fourth is built based on the effective top of dam elevation plus 5 feet to help with rehabilitation projects.
  - Principal spillway
  - Auxiliary/emergency spillway
  - Effective top of dam
  - Effective top of dam + 5 feet

- These mapped flood pool elevations are helping to identify where potential issues may lie with easements now and in the future. The flood pool elevations will also give the districts a guide to aid landowners in understanding the water levels on their property.

#### **Additional Resources**

- OCC OGI Staff
- OCC GIS Specialists
- Training Presentation PDF available on the OCC website