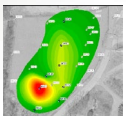




Geospatial Information

Every organization shares the challenge of efficiently organizing, interpreting, and sharing data. Collating and analyzing data that has been collected over time can be a resource intensive process. Our solution is simple: integrating data into a geospatial data management system, such as a geographic information system (GIS) is an efficient way to manipulate data into visual, easy to understand formats. Beyond visual simplicity, GIS is a powerhouse for analyzing trends, allowing you to focus resources and quickly respond to questions during the decision-making process.

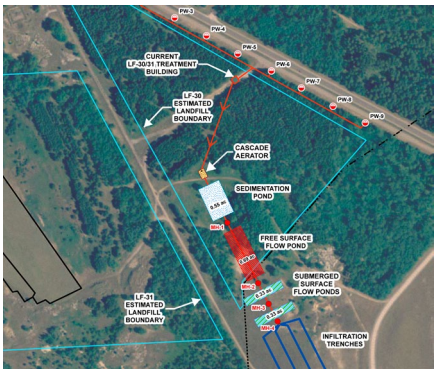
Our professionals are trained in the latest GIS technologies. If your organization is concerned with property management, cultural resources assessments, environmental compliance, groundwater and soil remediation, space allocation, public safety, and/or natural resource information, bring your challenge to us. We can develop a customized geospatial data management tool for your needs.

Specialized Experience:

- ✓ Designing geospatial interfaces to view site locations and areas of concern with aerial imagery
- ✓ Organizing and storing soil and groundwater analytical data
- ✓ Displaying analytical data spatially and temporally to reveal trends
- ✓ Developing customized internet-based user applications for data, file, and map sharing
- ✓ Customizing phone applications for field data collection assistance (e.g., Collection App)
- ✓ Producing 3D lithology, stratigraphy, and other downhole parameter models
- ✓ Collecting and importing features based on Global Positioning System (GPS) coordinates
- ✓ Computer-aided drawing (CAD) integration
- ✓ Spatially linking documents (analytical data, photos, etc) to maps

Select Recent Projects:

- ✓ Generated contaminant plumes from analytical data and incorporated utilities to pinpoint the location where hexavalent chromium was entering a sanitary sewer system.
- ✓ Generated contaminant plumes during the Site Investigation process to determine if site delineation had been achieved.
- ✓ Combined surrounding lithology and stratigraphy features with monthly groundwater flow trends to determine the probability that a source of contamination was affecting a public water supply.
- ✓ Created potential source location aerial maps of emerging contaminant per- and polyfluoroalkyl substances (PFAS).
- ✓ Prepared National Register of Historic Places (NRHP) nomination maps for several downtown historic districts.



Services:

- ✓ Field Data Collection
- ✓ Site Feature Locations
- ✓ Monitoring Well Inventories
- ✓ Groundwater Elevation Contours
- ✓ Isoconcentration Plumes
- ✓ Remedial System Structural Information
- ✓ Statistical Analysis
- ✓ Suitability Analysis for Site Selection
- ✓ Plan Maps (Stormwater, Spill Prevention, Site Investigation, Remedial Design, etc)
- ✓ Topographic Mapping

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