



Electronic Data Request

The Alaska Department of Environmental Conservation (ADEC) is collecting spatial data to use within the Contaminated Sites Geographic Information Systems (GIS) database. We are using GIS to track environmental data and improve accessibility to this information in areas where groundwater contamination extends beyond individual site boundaries. This will help in understanding the potential for contaminants to affect human health, the environment, or water resources in these areas and will establish a stronger foundation for decisions made by the Department.

To facilitate this process, the ADEC is requesting that environmental data be submitted to us in an electronic format. Electronic data can be submitted by email to Torsten_Ernst@dec.state.ak.us. Electronic data submittals will be made in addition to the normal reporting requirements established for your site. The following table provides information about the type of data and format that the Department is interested in receiving:

| Data Type | Requested Format | Notes |
|--|--|--|
| Laboratory Analytical Data | Electronic Data Deliverable (EDD) in .xml, .txt, .xls, or .mdb format. | <i>EDD's for GIS can generally be requested from the laboratory for no additional cost.</i> |
| Monitoring Well Locations | Survey coordinates provided in .xml, .txt, .xls, or .mdb format. <u>or</u> Accurate site plan showing well locations provided in a .jpg, .tif, .dwg, .dgn, or .dxf format. | <i>Coordinates can be obtained through a professional survey or with a Survey-grade Global Positioning System (GPS) and reported as latitude and longitude in NAD83. Site plan must show at least two points that can be identified on the Fairbanks North Star Borough tax parcel map, such as property corners or boundaries.</i> |
| Groundwater Elevation and Product Thickness Data | Date of measurement, groundwater elevation in feet above sea level, and product thickness in feet (if present) provided in .xml, .txt, .xls, or .mdb format. | <i>To allow integration of the data, elevation measurements should be based on a permanent benchmark instead of a temporary benchmark. In areas where frost-jacking is a concern, monitoring points need to be surveyed regularly.</i> |

Electronic reporting of groundwater sampling information should require little effort beyond that required by the ADEC's Monitoring Well Recommended Practices guidance document (see <http://www.state.ak.us/dec/dspar/csites/guidance/decom.pdf>). We hope that your participation in this project will be mutually beneficial and will help us to evaluate contamination and cleanup strategies more efficient and effectively.

The ADEC appreciates your participation in this project. If you have any questions about data submittals, please contact your ADEC project manager or Torsten Ernst at (907) 451-2183.