



Environmental Drafter

Location: Fort St. John & Port Moody, BC

Overview

SynergyAspen's purpose is to reduce our clients' environmental footprint. We are a growing environmental consulting firm that provides clients with exceptional service and value, and our employees with meaningful careers. Our areas of expertise include remediation, reclamation, and natural sciences, with a specialty in upstream oil and gas work in Northeast BC.

The primary function of the Environmental Drafter is to leverage GIS technology to accurately create and produce drafting data for the Operations team, such as producing borehole logs, interpreting geospatial information, and preparing GIS and AutoCAD based project drawings for reports. This position reports to the Corporate Technical Services Lead.

Your Key Responsibilities

- Complete request for AutoCAD drawings.
- Synthesize GPS data into SynergyAspen drawings.
- Maintain and update drafting templates.
- Manage survey data as received from the Operations team.
- Plan and conduct location and elevation survey works using standard surveying techniques, procedures, and criteria.
- Create concept and production drawings according to the clients' requirements.
- Prepare survey data reports for information of scientists and requestors.
- Update databases, files of specifications, standards and drawing tools and templates.
- Review rough sketches, drawings, and other data to ensure that they comply with design concepts.
- Complete borehole logs and monitoring well logs using Winlog or an equivalent software.
- Create EM Survey maps using Surfer or other software.
- Prepare mapping exhibits for use by the Operations team.
- Create, maintain, and produce GIS map products for internal and external use.
- Assist in advancing projects efficiency in use of electronic mapping tools for daily field work.
- Data creation from UTM's or Lats and Longs.
- Maintain SynergyAspen's Trimble data by creating new files and downloading, uploading & saving data for the Operations team.
- Additional tasks as required.

What You Offer SynergyAspen

- Bachelors' Degree in relevant field such as Geodetic Engineering.
- Relevant field of study such as Urban and Regional Planning is an asset.
- CTech and member of Applied Science Technologists & Technician of BC is an asset.
- 5+ years of drafting / GIS experience in related field/work environment.
- Proficient in AutoCAD, Microsoft Office Suite, specifically Outlook, Excel, Word, Access, and Teams.
- Basic knowledge of IT desktop support functions in a small company environment.
- Understanding of the environmental consulting workplace considered an asset.
- Experience in GPS and total station data collection.
- Experience includes Analysis and Geospatial data management.
- Experience includes computer assisted digital mapping and synthesize into WEBGIS with the integration and use of SQL Server database tools.
- Strong attention to detail and ability to produce accurate and precise drawings.
- Effective communication and interpersonal skills.
- Ability to work independently and collaboratively in a team environment.
- Commitment to safety.