

Groundwater Compliance Monitoring Project Profile

Project Type

Hydrogeology, Groundwater Assessment

Project Value

Approximately \$30,000/year

Start and Completion Date

Annually

Client

International Midstream Energy Company

Market Sector

Midstream Oil and Gas

Challenges

- Limited historical data available
- Project scope determination to address regulatory requirements and meet client needs
- Existing monitoring network not adequately maintained

Solutions and Highlights

- Overcome data shortfall through extensive detailed research and site reconnaissance
- Tailored reporting developed to meet client needs whilst honouring specific regulator requirements
- Reviewed monitoring network status and completed necessary reparations and upgrades following client approval
- Staffed team from multiple offices to reduce mobilization time and expenses
- Prepare annual monitoring report for client review/comment prior to submission to regulator

The client requested Trace Associates Inc. (Trace) undertake groundwater monitoring at two sites, a terminal facility and pumping station, as part of their annual compliance monitoring program for the provincial regulatory body (Alberta Environment). Trace completed the field aspects under the stipulated remits of the respective facility regulator approvals, and will provide the necessary summary reports within the approval specified timeframe and schedule (end of March each calendar year).

The short and long term objectives of these projects are to continue the annual groundwater monitoring program at the Terminal and Pumping Station sites in accordance with their respective AENV Approvals, and utilize the additional information collected during the monitoring assessments to determine any future course(s) of action required at the sites so as to assist the client in managing any apparent and/or on-going environmental liability issues related to the sites.

Trace personnel reviewed company files, including all historical data, and undertook groundwater monitoring and sampling for select chemical and physical parameters of concern at locations as specified under the terms of the approval(s).

For more information on these projects contact Darrell Haight, P.Ag., President at 780.458.7787.



Trace helps you to monitor your operations whilst managing your potential environmental liabilities