

# Weekly NEWS



An Information Service for Alberta's Environment Industry

The Week Ending November 22<sup>nd</sup>, 2019



## EnviroTech 2020

April 27-29, 2020  
Hyatt Regency Calgary

### Call for Abstracts

#### Inside this Issue:

- *EnviroTech 2020 – Call for Abstracts*
- *Planned Sale of Gas Wells, Pipelines a 'Test' Case for Alberta Cleanup Concerns*
- *Letting Alberta Ski Resort Sell Water from Mountain Park is Risky*
- *Giant Mine Cleanup Team say No to Compensation Claims*
- *Upcoming Events*
- *Industry Position Openings*

**The ESAA Weekly News is published weekly by:**

**Environmental Services  
Association of Alberta**  
102, 2528 Ellwood  
Drive SW  
Edmonton, AB T6X 0A9  
(P) 780.429.6363  
(F) 780.429.4249  
[info@esaa.org](mailto:info@esaa.org)  
[www.esaa.org](http://www.esaa.org)

**Comments & submissions are welcome!**

Please submit your announcement via e-mail to:  
[weeklynews@esaa.org](mailto:weeklynews@esaa.org)

ESAA invites you to submit technical abstracts for the 3rd Annual *EnviroTech*. Abstracts are encouraged in, but not limited to, the following areas:

**Water:** modelling, monitoring, quality, hydraulic fracturing, emerging contaminants, oilsands issues, saline, contamination, industrial re-use, wastewater treatment, risk management, groundwater, surface water, water wells, wetlands, produced water

**Climate Change:** adaptation, alternative energy, carbon credits, energy efficiency, energy from waste, GHG monitoring and sampling, regulatory, sustainability, impacts of climate change, CleanTech

**Air:** monitoring, modelling, sampling, quality, regulatory, noise management

**Waste:** landfill design, landfill closure, hazardous waste management, emerging contaminants, resource recovery, regulatory

**Testing:** laboratory testing and sampling, field testing and sampling, monitoring, analysis

**Decommissioning:** management, safety, hidden dangers, technology

**Indigenous:** engagement, stewardship, traditional knowledge

**Other:** topics from areas not listed will also be considered

Abstracts should be no longer than 500 words (not including bio), should include a presenter biography and be submitted as a *Word Document* by no later than midnight on Friday, January 17th, 2020.

For full details, visit: <http://www.esaa.org/envirotech/agenda/call-for-abstracts/>

**Sponsorship / Exhibitor Opportunities:** Sponsorship and Exhibitor information will be released in early December. If you are interested in receiving the information, please contact: [lorrine@tl2.ca](mailto:lorrine@tl2.ca)

**Early Bird Registration:** Early Bird Registration is now open. Register before January 31st, 2020 and **save 20%**. [Register Now](#)

We look forward to your continued support of ESAA events and look forward to welcoming you to [EnviroTech 2020](#).

**PROFESSIONAL DRAFTING, BOREHOLE LOG ENTRY  
AND DATA TABULATION FOR  
ENVIRONMENTAL CONSULTANTS OF ALL SIZES**

Local company with 25 years experience in Alberta's oil and gas industry.

We are environmental experts who will present your drawings and data professionally and cost-effectively. No job is too big or too small.

We have completed thousands of environmental projects for many happy clients.

Environmental work is ALL we do and we know exactly what regulators want to see.

All work is hourly - only use us when you need us. Accuracy guaranteed.

Try us on a project and see what you THINK!



**THINK**  
ENVIROTECHNICAL SERVICES  
**587-747-5567**  
[www.thinkenv.ca](http://www.thinkenv.ca)

***PLANNED SALE OF GAS WELLS, PIPELINES A 'TEST CASE' FOR ALBERTA CLEANUP CONCERNS***

(Source JWN and Canadian Press) CALGARY — The possible transfer of hundreds of sour gas wells, pipelines and other facilities from an energy giant to a much smaller company has raised concerns about Alberta's efforts to ensure taxpayers don't get stuck with the cleanup bill.

"My faith that the (regulator) is making some form of really careful stress test on these companies is just not there," said Mike Judd, a retired guide and outfitter who lives in the middle of the gas field and has filed a statement of concern over the sale.

Last summer, Shell Canada agreed to sell 284 wells, 66 facilities and 82 pipelines in the southern Alberta foothills to Pieridae Energy, a Calgary-based company with a market value less than the price of the assets. Its stock price is under \$1.

The purchase is part of a plan to move Alberta gas to a yet-to-be-built, \$10-billion liquefied natural gas plant in Nova Scotia, from where it would be shipped to Europe. Pieridae says it is eligible for a \$4.5-billion loan from the German government for the project.

The Alberta Energy Regulator must approve the transfer, a decision it must make as it copes with a growing list of wells, pipelines and other infrastructure abandoned by companies that went bankrupt during the energy price slump.

Since January, the number of wells transferred to the Orphan Well Association has increased to 3,400 from 3,100. Alberta's cleanup spending is budgeted at \$70 million by 2023 — a more than 50 per cent increase in otherwise belt-tightening times.

The regulator has promised a closer eye on licence transfers to ensure purchasers are able to cover reclamation costs.

"We ... are broadening our assessment processes to allow for a more holistic approach to assess a company's ability to address its end-of-life obligations," said an email from regulator spokesman Shawn Roth.

"The AER will assess the proposed transfer to determine whether regulatory requirements have been satisfied and whether a security deposit will be required."

The Shell-Pieridae sale is a test case, suggested Shaun Fluker, a University of Calgary law professor.

"You would think these assets fit under that discussion," he said. "They keep talking about wanting to rework the existing policy they have for ensuring assets are properly looked after. At some point they're going to have to be proactive and take steps to make sure that happens."

Pieridae spokesman James Millar said in an email that Shell will cover any contamination from when it owned the sites — although that doesn't include the cost of reclaiming the sites themselves.

Millar wrote that Pieridae is "still working through" those costs.

"We did consider the asset retirement obligation of the assets before we purchased them."

He points out that Shell had planned to close the field, which would have been a severe blow to nearby communities such as Pincher Creek. Pieridae plans a new drilling program and says the purchase would be profitable almost right away.

Fluker said Albertans deserve more than company assurances that those who profit from the province's resources are able to clean up their mess. This sale is a chance to establish clear, publicly understood rules for such transfers, he said.

"Why not ... impose what (the regulator) says it's looking at, which is real timelines for reclamation and things like that? It's a good opportunity."

Judd just wants to be able to believe that the wells and pipelines pumping toxic sour gas near his home will be cleaned up safely.

"Our children and our grandchildren are going to end up with an environmental cleanup that is way beyond their capability to deal with," he said.

"We in Alberta have gotten way too used to backroom deals and backroom regulators that are not transparent."

---

### ***LETTING ALBERTA SKI RESORT SELL WATER FROM MOUNTAIN PARK IS RISKY: ENVIRONMENTALISTS***

(Source: CBC News) Alberta's decision to let a ski hill in a provincial park sell water it's not using and have it trucked away sets a bad precedent that could restrict the province's ability to react to climate change, environmentalists say.

"If we're reallocating more and more water for commercial sale, that really ties up our choices and future generation's choices," Carolyn Campbell of the Alberta Wilderness Association said Friday.

In October, Alberta Environment approved an application from Fortress Mountain ski resort, which is in Spray Valley Provincial Park in Kananaskis Country west of Calgary, to change its water licence.

In the past, the resort was allocated just under 100 million litres of water a year from Galatea Creek for its kitchen and other on-site facilities.

The government agreed to amend that licence Oct. 25 to allow it to sell about half that amount to a third party. The water is to be pumped into trucks and driven away for sale.

Published reports have suggested it will be bottled and marketed as pure, glacier-fed water.

### **Group worries anyone upstream can sell water**

Campbell acknowledges 50 million litres is a small amount of water in the context of the Bow Valley watershed, which cities such as Calgary depend on.

But she's concerned that allowing Fortress to sell water originally intended for local use could open the door for other companies to do the same.

"Now, does everybody who isn't using every drop of their water upstream of Calgary get to sell it?" she asks.

Mountain ecosystems use every drop of water. It's better to leave it in the stream rather than try to commodify it from a protected area.

- Carolyn Campbell of the Alberta Wilderness Association

Issuing water sale permits will make it harder for governments to manage water supply, she said — especially as climate change alters the region's hydrology.

The Geological Survey of Canada has already warned that the Rocky Mountain glaciers that keep prairie rivers and streams full during low-snow years are on their way out.

"Every drop counts for the future given even natural variation without climate change," Campbell said. "You layer climate change, it's just a very concerning precedent for our mountain headwaters."

"Mountain ecosystems use every drop of water. It's better to leave it in the stream rather than try to commodify it from a protected area."

### **Government says none of complaints were 'valid'**

Fortress Mountain did not immediately return an emailed request for an interview.

Alberta Environment acknowledged it received concerns about Fortress's application. All were dismissed, said press secretary Jess Sinclair.

"None of those who filed were found to be directly affected," she said in an email. "None of the statements of concern filed were found to be valid."

The department did not provide an interview.

---

### ***ONTARIO GOVERNMENT PROPOSES NEW RULES AROUND ADMINISTRATIVE MONETARY PENALTIES***

(Source: HazMat Magazine) The Ontario government recently proposed amendments to regulations dealing with Administrative Monetary Penalties (AMPs) under the Ontario *Environmental Protection Act*. The reason given for the proposed amendments was that they would remove regulatory overlap and result in regulations that are focused and streamlined.

An AMP is a financial penalty for non-compliance that provides an incentive to the violator to return to compliance and deter future non-compliance. Administrative penalties are used across the Government of Ontario in regulated program areas such as forestry, consumer protection, energy, and waste diversion.

#### **DEFICIENCY IN THE EXISTING AMPs**

AMPs are regularly used in other jurisdictions, particularly Canada and the United States, to support the enforcement of environmental laws (e.g. British Columbia, Alberta, Canada, Quebec, Ohio, Vermont and Minnesota).

AMPs, as a compliance and enforcement tool (i.e. environmental penalties), are currently available to the Ontario Environment Ministry for some land, water and air violations, but are limited in scope. This gap leaves many program areas with limited enforcement tools and affects the ministry's ability to effectively hold polluters accountable. In addition,

some of the acts proposed to be amended that are enforced by the Ontario Environment Ministry do not have the enabling authority to issue administrative monetary penalties (e.g. Safe Drinking Water Act, Pesticides Act), while others are out of step with best practice (e.g. Nutrient Management Act, 2002).

## **PROPOSED AMENDMENTS**

The proposed legislative amendments expand and/or clarify enabling authority to issue administrative monetary penalties for environmental violations under key environmental statutes, including:

- Nutrient Management Act, 2002
- Ontario Water Resources Act
- Pesticides Act
- Safe Drinking Water Act, 2002

The proposed amendments would enable administrative monetary penalties to be issued for a broad range of environmental violations under the acts mentioned above. To take effect, violations that may be subject to an administrative monetary penalty would be prescribed in regulation.

The proposal, along with recent amendments to the Environmental Protection Act, would replace existing monetary penalties (i.e. environmental penalties) under the Environmental Protection Act and Ontario Water Resources Act.

Key provisions under the proposed administrative monetary penalty approach are set out under each act and include:

- set maximum penalty amounts or higher if the economic benefit achieved via the violation was higher (penalty amounts would be set by a regulation). The maximum penalty amounts set in the acts are as follows:
  - Ontario Water Resources Act – \$200,000 per contravention (same as the Environmental Protection Act)
  - Pesticides Act – \$100,000 per contravention
  - Safe Drinking Water Act, 2002 – \$100,000 per contravention
  - Nutrient Management Act, 2002 – \$10,000 per contravention
- ability to review and/or appeal the administrative penalty
- an annual report listing the administrative penalties issued in the last calendar year
- provisions to enable the implementation of administrative monetary penalties in regulation (e.g. how to set administrative monetary penalty amounts, who they can apply to, and how violators can seek reductions in penalty amounts for taking action to prevent or mitigate the contravention)

The government argues that the broader use of AMPs would help it take strong action against illegal activity, ensure that polluters are accountable for their actions, and deal with environmental violations that do occur, more efficiently and appropriately. Prosecution would continue to be used as an enforcement tool but may be limited to serious violations.

If passed, these proposed legislative amendments would allow for future regulations to implement administrative monetary penalties to more violations, such as, but not limited to:

- illegal sewage discharges into waterways
- selling pesticides without a license
- failing to have a certified drinking water operator
- violating terms of a permit to take water

## **Criticism of the Proposal**

Environmental activists decried the proposal and charged that it will result in lightened consequences for polluters. Keith Brooks, spokesperson for [Environmental Defence](#), stated in [press release](#), “It is highly deceptive of the Ontario government to claim that it is doing more to hold polluters accountable, when they are actually cutting the penalties polluters face.”

The environment critic from the Ontario New Democratic Party, Ian Arthur, an MPP for Kingston and the Islands, stated: “The Ford government has proposed eliminating an existing \$100,000-per-day penalty for environmental polluters and replacing it with a one-off fine of \$10,000. Further, the government is pushing to cap environmental fines at an overall maximum of \$200,000.”

## ***GIANT MINE CLEANUP TEAM SAYS NO TO COMPENSATION CLAIMS***

After considering dozens of claims for compensation totalling millions of dollars, the team overseeing the cleanup of Giant Mine just outside of Yellowknife has arrived at a total amount it feels should be paid out for damages caused by the cleanup — zero.

The claimants include the City of Yellowknife, boaters and the Yellowknife Historical Society. They want to be compensated for damages they say they are going to suffer when access is closed off to areas around the Giant Mine townsite including a city boat launch, the historical society's museum, and the Great Slave Sailing Club's boat yard.

In filings with the Mackenzie Valley Land and Water Board, the cleanup team says it needs to close off the area to remove contaminated soil and sediment, put a covering over contaminated lake bottom and build a water pipe out into the lake for a new water treatment plant it is constructing.

No one from the federal cleanup team or the City of Yellowknife was available for an interview for this story.

In an email response, the city said it is "eager to work with the Project and the Government of the Northwest Territories to avoid, or mitigate, any impact the Project might have on residents by exploring any and all options."

In filings with the land and water board, the city says that, until recently, the federal team overseeing the cleanup estimated the closure would continue for years.

The team now says it will be far shorter. It says it is planning to build a new boat launch at the sailing club in an effort to avoid any interruption of people's access to Great Slave Lake while the existing boat launch is shut down.

### **City claims rejected**

The biggest claim for compensation is being made by the City of Yellowknife.

It wants to be paid \$1.3 million for each year public access to the boat launch and sailing club areas is interrupted. The city is also claiming the full \$34.5 million cost of replacing an aging underwater pipeline it uses to draw the city's drinking water from the Yellowknife River.

In its response, the federal Giant Mine team says the city is asking to be compensated for work it wants done.

The team said it initially planned to clean up the site to an industrial standard but, at the city's insistence and an additional cost of \$35 million, the team is now cleaning it up to a residential standard.

In its response, the team points out that the federal government has agreed to pay three quarters of the cost of replacing the drinking water pipe. It says the pipe has to be replaced because it's 50 years old, not because of the cleanup project.

### **Boaters not eligible for compensation**

Members of the sailing club and boaters who use the city launch at Giant also filed claims. The sailors said the sailing club is the only place they can crane their boats in and out of the water, and if it's shut down for years it would render their boats worthless.

"Boaters, sailors and others navigating on water do not fit any of the categories, and are not eligible to make compensation claims," wrote the project team, referring to categories defined in the Mackenzie Valley Resource Management Act.

"They cannot make a claim on the sole basis of their boating and sailing activities."

The sailing club sued for lost revenue, including fees for membership, boat storage and sailing lessons. The cleanup team noted the lease agreement the club has with the city allows for the lease to be terminated with six months notice to allow for remediation work. The same provision is in the lease between the city and the Yellowknife Historical Society for the museum site.

"The recreational boaters who have submitted claims for compensation stand to benefit directly from the Project," said the cleanup team in its response to the claims. "They currently make use of a contaminated site."

The land and water board has given the claimants until Dec. 5 to counter the federal cleanup team's arguments.

---

### ***10 TIMES MORE LAND AFFECTED BY LEAK FROM KEYSTONE PIPELINE THAN FIRST THOUGHT***

(Source: CBC News) A crude oil spill from the Keystone pipeline in eastern North Dakota has turned out to have affected almost 10 times the amount of land as first reported, a state regulator said Monday.

North Dakota environmental scientist Bill Suess said the leak reported on Oct. 29 is now estimated by state regulators to have affected about 209,100 square feet (19,426 square metres) of land near Edinburg. State regulators had said the leak affected about 22,500 square feet (2,090 square metres) of land.

Calgary, Alta.-based TC Energy, formerly known as TransCanada, estimated its pipeline leaked an estimated 1.4 million litres of oil. Suess said that estimate has not changed.

The cause of the spill is still unknown. An affected portion of the pipe has been sent to a third-party laboratory for inspection, as required by federal regulators.

TC Energy said the pipeline returned to service on Nov. 10 after approval of a repair and restart plan by the U.S. Pipeline and Hazardous Materials Safety Administration.

The company has not given an estimate on the land that was affected, Suess said. The initial estimate by state regulators was "a quick and dirty look at it," he said. "We did have some surface expansion since then."

The company reported late Sunday that it had recovered about 1.2 million litres of oil, along with 536,900 litres of oily water, Suess said.

Cleanup crews and state regulators remained at the site on Monday. Some wetlands were affected, but not any sources of drinking water, he said.

TC Energy has said people were at the site working around the clock to clean up the spill. Suess said the cleanup work was cut to daylight hours on Monday.

The company has referred questions to its website but has not updated it in more than a week.

TC Energy has put up berms around the affected area and is excavating contaminated soil from the entire site, at depths of up to 1.8 metres, Suess said. The oily soil is being stockpiled and will be taken to a landfill in Sawyer, N.D., he said.

"We really don't have any risk of anything spreading at this point," he said.

Crude began flowing through the \$5.2 billion pipeline in 2011. It's designed to carry crude oil across Saskatchewan and Manitoba, and through North Dakota, South Dakota, Nebraska, Kansas and Missouri on the way to refineries in Patoka, Illinois and Cushing, Okla. It can handle about 87 million litres daily.

It is part of a system that also is to include the proposed \$8 billion Keystone XL pipeline designed to transport the oil from western Canada to terminals on the Gulf Coast.

The proposed Keystone XL pipeline has drawn opposition from people who fear it will cause environmental damage.

---

---

## Upcoming Events

---

---

### AER: TRAINING SESSIONS: AREA-BASED CLOSURE

The AER is offering [area-based closure](#) (ABC) training in December and January. These sessions will cover new functions of ABC within the OneStop tool and updated guidelines.

For more information about these training sessions, email [OneStop.Training@aer.ca](mailto:OneStop.Training@aer.ca).

For more information about OneStop, [visit our website](#) or contact the AER's Customer Contact Centre by phone at 403-297-8311 (1-855-297-8311 toll free) or by email to [inquiries@aer.ca](mailto:inquiries@aer.ca).

**Register** To register for training, [visit our events page](#) for [morning](#) or [afternoon](#) options.

---

---

## Industry Positions Openings

---

---

For more information visit ESAA's Job Board under the news section of [www.esaa.org](http://www.esaa.org)

---

---

### **Intermediate or Senior Civil or Environmental Engineer**



**Term:** Full-Time

**Application Deadline:** December 4, 2019

**Job Location:** Edmonton

#### **Intermediate or Senior Civil or Environmental Engineer**

Adelantar Consulting is a well established niche environmental consulting company that focuses on building strong relationships with staff, clients, regulators, partners and contractors. Our company focuses on wellness and balance to encourage a safe, supportive, positive environment. We are also committed to working alongside our clients to find thoughtful solutions to their waste management challenges.

#### **Core Values**

We are committed to working in accordance with our core company values of respect, fairness and collaboration and recognize each team member as an individual with their own strengths and values.

#### **What We Do**

We pride ourselves on excellence in engineering, regulatory and construction support services in delivering large scale containment related projects, including landfills, ponds and surface water management.

#### **Who We Need**

We are currently seeking an experienced, curious, and motivated person to join our team. The attitude, integrity and ability to learn of the successful candidate is more important than a particular skill set or level of experience.

Adelantar has extensive technical containment knowledge that can be learned by the successful candidate. The role of the successful candidate will depend on that person's interests and strengths, and is generally expected to include responsibly managing consulting assignments within our collaborative team environment.

Within Adelantar, there is room for significant growth for motivated and enthusiastic team members. We encourage and support all of our team members to work to their highest potential and level of responsibility.

We are interested in hearing from you if this kind of environment is of interest to you then we can have a two way exploration to see if there is a potential good fit.

**How To Apply:** Email

**Application Details:** Please forward a resume and cover letter to: [jobs@adelantar.ca](mailto:jobs@adelantar.ca)

---

## **Environmental Specialist**

**Term:** Full-Time

**Number of Positions:** 1

**Application Deadline:** November 30, 2019

**Job Start Date:** ASAP

**Job Location:** Calgary



### **Environmental Specialist**

Cardinal Energy has a full time, permanent opportunity for an intermediate Environmental Specialist, working to assist in the management and facilitation of Cardinal's asset retirement, remediation and regulatory compliance programs, within the Calgary office. The ideal candidate would possess an intermediate to senior level skill set, with a strong business acumen as it relates to environmental work. A strong familiarity with upstream oil and gas operations is a firm requirement, as is membership in good standing with any of the seven regulated disciplines listed in AEP's 2007 joint practice standard for reclamation certificate sign off. A familiarity with abandonment operations and emissions quantification will be considered a strong advantage.

The successful candidate will have a background in both project management and field level coordination. The candidate will report directly to the Environmental Coordinator and travel to Cardinal's field projects would periodically be required.

### **Key Responsibilities**

- Management of reclamation and remediation portfolio
- Various annual regulatory reporting
- Liaise with a variety of stakeholder groups
- Provide operational support in the form of environmental technical expertise
- Provide regulatory support as applicable
- Proactively manage risk and budget as they pertain to environmental projects

### **Preferred Experience and Skills**

- A minimum of seven to ten years of experience working within the environmental sector on resource development projects
- Oil and gas field experience
- Strong computer software skills
- Excellent working knowledge of the presiding environmental legislation in Alberta and Saskatchewan
- Strong background of project coordination and execution
- Professional designation (AIA, ASET, APEGA, P,Bio, P.Eng etc).
- Technical diploma/Applied degree/BSc/MSc

- QAES or QWAP designation would be considered an asset

For more information on Cardinal Energy Ltd. please see our website at: [www.cardinalenergy.ca](http://www.cardinalenergy.ca)

Interested candidates should forward their resume to: [tonyap@cardinalenergy.ca](mailto:tonyap@cardinalenergy.ca) on or before the deadline date of November 30, 2019.

*We thank you for your interest; however, only those applicants requested for an interview will be contacted.*

**Application Details:** Please email to: [tonyan@cardinalenergy.ca](mailto:tonyan@cardinalenergy.ca) and [davidj@cardinalenergy.ca](mailto:davidj@cardinalenergy.ca)

---

### ***Environmental Professional – Risk Assessment***



**Number of Positions:** 1

**Application Deadline:** November 29, 2019

**Job Location:** Calgary, Edmonton or Orange County

*This position is open to any of the locations listed below:*

- *Calgary or Edmonton, AB*
- *Burnaby, BC*
- *Orange County, CA*

Advisian, the independent consulting business line of Worley, provides a true end-to-end offering for clients, with approximately 3,000 people in 25 countries around the globe, integrating strategy, management, and technical consulting expertise. We provide solutions for clients in the Hydrocarbons, Minerals & Metals, Chemicals, and Infrastructure industries. We have combined the deep technical consulting capabilities of Worley Consulting, Select and INTECSEA with our existing strategy and management consulting expertise. As part of one of the world's largest engineering firms, we continue to push boundaries and extend our capabilities globally. Worley is a company that prides itself on providing safe and high-quality services that exceed our customer's expectations, which is why we manage some of the world's leading projects. Our aim is to recruit, develop, and most importantly, retain the people who share our vision and strategy.

#### **What we offer you**

The Intermediate or Senior Environmental Professional will provide services to the Decommissioning and Restoration, Risk Assessment Practice. The successful candidate will have at least 5 years of experience in environmental management of contaminated sites, and strong interpersonal, management and leadership skills. The successful candidate will be organized, detail oriented and good at multi-tasking to support the successful completion of a variety of different work assignments. The ideal candidate must have experience with complex spreadsheets, mathematics and statistical analysis, data management and report writing. The ideal candidate should also have a range of experience in human health and/or ecological risk assessment, be well versed in project management and must be able to provide direction to junior and intermediate staff. The candidate must be willing to support field programs when necessary. Experience in toxicology, permitting and valid safety training relevant to the area would be a benefit. This is a full-time role with opportunity to work out of several Advisian offices across North America depending on your location. As our ideal candidate for this dynamic and challenging role, your responsibilities will consist of the following tasks:

#### **Responsibilities and Key Accountabilities:**

- Provide management support for small to large and simple to complex environmental projects;
- Maintain client relationships using good management practices;
- Maintain an excellent working knowledge of local regulations. Knowledge of the regulatory framework in other jurisdictions is also considered an asset;
- Participate in business development initiatives to grow our business;

- Complete work assignments on time and on budget;
- Effectively manage changes to work tasks;
- Conduct project reviews, as needed;
- Provide technical project support, as needed; and
- Provide mentorship, direction and skill assignments to junior staff.

#### **Experience and Qualifications:**

- A relevant university degree in environmental engineering, chemistry, biology, geology or other science / engineering-based degree. Preference will be given to candidates with a graduate degree although this is not necessary;
- At least 5 years of consulting experience in contaminated sites, working for a range of clients.
- Professional registration is an asset;
- Strong technical background in one or more of the following areas: environmental sciences / engineering, earth sciences, chemistry, geology / hydrogeology, agronomy, biology;
- Experience managing complex environmental issues;
- Experience with human health and/or ecological risk assessment;
- Experience with statistical evaluation and mathematics, data management and reporting;
- Skills in developing innovative technical solutions;
- Sound business performance;
- Familiarity with local regulations;
- Experience with regulatory permitting, remediation / reclamation technologies and current HSE certifications are an asset;
- Strong interpersonal, management and leadership skills;
- Willingness to mentor less experienced staff;
- Ability to communicate effectively with strong written and verbal skills;
- Ability to support business development, client management, project management and project review;
- Computer skills; and
- Ability to work in a fast-paced, multi-tasked environment.

Advisian (part of the Worley Group) offers an excellent remuneration & benefits package, a friendly, professional, dynamic and flexible work environment along with the opportunity to develop your career prospects within Canada and overseas.

We strive to be an industry leader in health, safety and environmental performance. Our vision is to achieve zero harm to people and assets, and zero environmental incidents. We select people who share our values, beliefs and commitment to this vision and who demonstrate the expected behaviors, competencies and performance associated with their prospective roles within the company.

**How to Apply:** Interested candidates may submit their application at:

<https://worleyparsons.taleo.net/careersection/ext/jobdetail.ftl?job=LOS002A&tz=GMT-07%3A00&tzname=>

*We thank all candidates for their interest; however, only those selected for interviews will be contacted. Advisian (part of the Worley Group) is an equal opportunity employer.*