

Weekly NEWS



An Information Service for Alberta's Environment Industry

The Week Ending November 15th, 2019



EnviroTech 2020

April 27-29, 2020
Hyatt Regency Calgary

Call for Abstracts

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Comments & submissions
are welcome!

Please submit your
announcement
via e-mail to:
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: lorraine@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](#).

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AER: TRACKING AND MANIFESTING PRODUCED WATER

On November 19, 2018, Alberta Transportation issued Permit 2018-4703 (Permit P) for transporting produced water by truck that has not been cleaned or purged. Due to the overlap with the AER's tracking and manifesting requirements found in *Directive 058: Oilfield Waste Management Requirements for the Upstream Petroleum Industry*, some confusion has arisen.

All *Directive 058* requirements are still in force and are independent of Alberta Transportation requirements. Companies must continue to comply with all AER requirements, including the following:

- Track, report, and manifest produced water using the code "WATER: Water – Produced (including brine solutions)," even if being transported with a transportation of dangerous goods placard.
- Follow the list of codes in Appendix 3 of [Directive 047: Waste Reporting Requirements for Oilfield Waste Management Facilities](#) when tracking, reporting, or manifesting oilfield waste.
- If contaminants are present, characterize the water. If the properties are deemed dangerous, as outlined in *Directive 058*, then use the Alberta Oilfield Waste Manifest Form and adhere to manifesting requirements outlined in section 8 of *Directive 058* when transporting the waste within Alberta.

If you have any questions about this bulletin or the directive, send an email to Directive058@aer.ca.

***CCME: DOCUMENT FOR PUBLIC REVIEW AND COMMENT: CANADIAN GROUNDWATER QUALITY GUIDELINES
FOR THE PROTECTION OF ENVIRONMENTAL AND HUMAN HEALTH***

Draft *Canadian Groundwater Quality Guidelines for the Protection of Environmental and Human Health* for 101 contaminants of concern are available for public review and comment until January 10, 2020.

Groundwater quality guidelines are developed to maintain specific uses of groundwater and to protect receptors in environments that may directly or indirectly come into contact with contaminated groundwater due to contaminant

migration. These guidelines are not intended to protect organisms living in aquifers, but rather to protect the uses of groundwater or downgradient receptors. Groundwater quality guidelines are primarily derived by using existing benchmarks and back-calculating a groundwater concentration, using fate and transport models, that will not result in an exceedance of the benchmark once the contaminant reaches the environment of concern.

In addition to reviewing and providing comments on the technical and scientific content of this document, please respond to the following questions:

1. Is the supporting documentation in this package sufficient to meet your needs? Please comment on the credibility, transparency, reliability and reproducibility of the draft guidelines.
2. Eighty-eight of the 101 draft Canadian groundwater quality guidelines have been designated as *provisional* to reflect the uncertainty and data gaps in the guideline development. Do you have concerns with using provisional guidelines?
3. How useful is the format of the current document and guideline tables? Do you have any suggestions to better organize this document?

Please submit comments to:

Natalie James,,
Canadian Council of Ministers of the Environment
Email: njames@ccme.ca

ONTARIO AEROSOL MANUFACTURER FINED FOR VIOLATING THE CANADIAN ENVIRONMENTAL PROTECTION ACT, 1999

The Government of Canada is committed to protecting the health, safety, and environment of Canadians. Environment and Climate Change Canada enforces laws that protect Canada's air, water, and natural environment, and we take this responsibility very seriously.

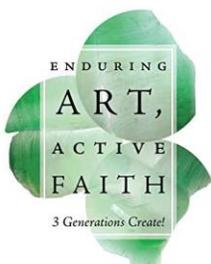
On November 12, 2019, K-G Spray-Pak Inc. (of Concord, Ontario) was ordered to pay a fine of \$170,000 in the Ontario Court of Justice. The company pleaded guilty to two offences under the *Canadian Environmental Protection Act, 1999*, including one count of violating the *Environmental Emergency Regulations* and one count of failing to comply with an environmental protection compliance order. The total fine will be directed to the Government of Canada's Environmental Damages Fund.

In February 2017, Environment and Climate Change Canada's enforcement officers launched an investigation, which revealed that K-G Spray-Pak Inc., a manufacturer, marketer, and distributor of aerosol products, had failed to comply with an environmental protection compliance order issued by Environment and Climate Change Canada, in July 2016. The company was subsequently charged when it failed to implement and test environmental emergency plans within the prescribed time limit specified in the compliance order. As a result of this conviction, the company's name will be added to the Environmental Offenders Registry.

ESAA Member News

ESAA MEMBER BOOK RELEASE

Robert Proudfoot wrote a book called "*Enduring Art, Active Faith*", which has just been published and made available for review and purchase by **FriesenPress** of Victoria, BC. This book is a collection of short stories, essays, poems and photographic depictions of artwork created by three generations of Robert's family, including his mother Norma, Robert and Valerie, and their daughters Annora and Alicia. The artwork and writing address several diverse topics, including: mental health, human relationships, social justice issues, immigration, changing agriculture, and enjoyment of sports. Robert and Valerie also share learnings from their cross-cultural experiences with MCC in Nigeria, and some Canadian family history. Please contact Robert (georann@telus.net) for more details, and how you can obtain his book for your reading enjoyment.



Upcoming Events



CREW NETWORKING EVENT – NOVEMBER 21ST – NEW LOCATION

CREW (Capital Region Environmental Workers) will be hosting another networking event at Situation Brewing on Thursday, November 21st. Thank you to **AGAT Labs** for sponsoring the appetizers for the event. Please drop in any time between 3pm and 6pm for snacks, drinks and networking! Brewery tours are also available for those who are interested. As a reminder, attendees are responsible for their own beverages.

As always, please feel free to forward this to your friends, colleagues & clients. If you know of anyone that needs to be added, please share the following link so they can subscribe to receive information on future events - <https://www.esaa.org/crew/>

Thank you to those who have already registered. For those who have yet to RSVP, please do so through the following link: [CLICK HERE TO REGISTER!](#)



Mark your calendars for the next CPANS Technical Luncheon Presentation! November 28 @ 11:30 am - 1:00 pm

The next CPANS Calgary Technical Luncheon presentation is coming up on November 28.

Please register by Friday, November 22.

Presenter: Brad Gilmour, Partner & Head of Regulatory Department, Bennett Jones

Brad Gilmour is head of the regulatory department at Bennett Jones and co-head of the environmental department. His practice focuses primarily on environmental, energy, regulatory and aboriginal law. He has significant experience in facility approval applications associated with a broad range of energy, natural resource, chemical, petrochemical, hydro, oil sands, bio-fuel, wind and other industry types. Brad appears before the Alberta Environmental Appeals Board, the Alberta Energy Regulator, the Alberta Utilities Commission, the Natural Resources Conservation Board and the National Energy Board. Brad also regularly advises clients concerning regulatory compliance issues, spills, contaminated sites and environmental prosecutions. Before entering the practice of law, he worked in Calgary as an environmental consultant conducting environmental liability assessments and site remediation programs. Brad writes and speaks on topics concerning environmental and regulatory law. As well, he has taught courses on environmental law and occupational health and safety law for the University of Calgary, Athabasca University, and the Southern Alberta Institute of Technology. Brad is the past chair of the Canadian Prairie and Northern section of the Air and Waste Management Association and a past chair of the southern environmental section of the Canadian Bar Association.

Presentation: Managing an Environmental Crisis – From Hot Calls to the Court House

Brad will share examples and insights on recent judicial judgements on environmental incidents. A full abstract will be added to the CPANS website two weeks prior to the talk.

Registration and payment:

Please register by the end of Friday, November 22, 2019 for the event. Registration and payment can be completed using Paypal (there is an option for using a credit card, no Paypal account is required) using the links below or through our [website](#).

You can also register by emailing CalgaryLuncheon@cpans.org. If choosing this option, we accept payment upon arrival to the luncheon by **cash or cheque**. If you register and are not able to attend, please provide 24 hours notice so that we can adjust our numbers with the venue.

The presentation will start at 12pm at the Ramada Hotel (708 8th Avenue Southwest, Calgary). Food will be served at 11.30am.

See you at the luncheon! [Member Registration \\$35](#) [Non-member Registration \\$45](#)

LUNCH & LEARN

YOU'RE INVITED TO JOIN

North Shore Environmental Consultants and Clairifi
for a Special Presentation

**A Strategic Approach to Methane Reduction: Summarizing the
Federal Methane Initiatives and How they Impact Saskatchewan**

Free to attend | Lunch is included | Spots are limited

WEDNESDAY, NOVEMBER 20, 2019
11:30 a.m. - 1:30 p.m.

DOUBLETREE REGINA HOTEL & CONFERENCE CENTRE
1975 Broad St
Regina, SK
S4P 1Y2

Please RSVP to Cassie Dubetz to reserve your spot:
cdubetz@northshoreenv.com

In 2016, the federal government pledged to reduce oil and gas sector methane emissions by 40% below historical 2012 levels by 2025. As such, the federal government and the Government of Alberta have set regulatory requirements for the oil and gas sector. The federal government released Regulations Respecting Reduction in the Release of Methane and Certain Volatile Organic Compounds (Upstream Oil and Gas Sector), and the Alberta Energy Regulator updated Directive 060 and Directive 017 to reduce methane emissions. These programs will address the primary sources of methane emissions, fugitive emissions and venting (e.g. compressors, pneumatic devices, glycol dehydrators, etc.), by setting venting limits, and requiring leak detection and repair (LDAR) programs to be implemented.

The regulations and directives will take effect January 1, 2020; however, Alberta has not yet achieved equivalency with the federal regulations.

Consequently, both the federal and provincial requirements will be applied to the oil and gas sector in Alberta.

North Shore will provide a regulatory overview of the programs, compare the requirements, and discuss strategies for compliance. Clairifi will also give details on a software approach to manage data and reporting.

canadian
11th
Annual **water**
summit

JUNE 10-12
2020

OTTAWA, ONTARIO
Delta Ottawa Centre

Registration is Open!

The Keys to a Blue Economy: Unlocking Water Policy, Governance, and Technology in Canada

Registration is now open for the 2020 Canadian Water Summit, being presented in collaboration with the Canadian Water and Wastewater Association's Window on Ottawa, June 10-12, 2020. The Canadian Water Summit is proud to partner with CWWA to bring you three days of diverse discussions inspiring powerful actions that advance Canada's "blue economy".

The 2020 Canadian Water Summit will focus on building actionable discussions on issues such as:

- Addressing Emerging Contaminants
- Drinking Water in First Nations Communities
- Improving Water Quality with Real Time Monitoring
- Improve Mining Effluent Regulations in Canada
- Conversation about Conservation Technologies

Registration is now open to attend one or both events, as well as the annual Water's Next awards. For more information, please visit watersummit.ca or email our Event Manager Natasha Mawji at natasha@actualmedia.ca.

We look forward to seeing in our nation's capital in June!

[Register Here](#)

Industry Positions Openings

For more information visit ESAA's Job Board under the news section of www.esaa.org

Intermediate or Senior Civil or Environmental Engineer

Term: Full-Time

Application Deadline: December 4, 2019

Job Location: Edmonton

Adelantar
CONSULTING

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

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

Interested candidates should forward their resume to: 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 and 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.