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Comments & submissions are welcome!

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CONSULTANT FINED FOR PROVIDING FALSE INFORMATION

Ginger Ada Rogers has been fined \$28,750 for violating the *Environmental Protection and Enhancement Act*.

Rogers, a Calgary-based consultant, pleaded guilty to one count of knowingly providing false or misleading information. She was sentenced Sept. 12.

In an agreed statement of facts, Rogers admitted to knowingly providing false or misleading information pursuant to a requirement to provide information. Rogers was contracted to conduct soil sampling on behalf of a meat-processing facility that was allowed to release wastewater from their operation to nearby lands if soil conditions met established parameters.

When Rogers submitted the 2015 reports on behalf of the facility, she included a lab report with 2013 results, indicating they were 2015 results. The 2013 soil results met the established parameters. The lab results from the 2015 sample would not have allowed the facility to release their wastewater to the nearby lands.

In addition to the fine, which includes a victim fine surcharge, Rogers is prohibited from submitting any documents or reports to Alberta Environment and Parks under any entity's permit to practise where she is the responsible professional member for the permit for three years.

Alberta Environment and Parks focuses on education, prevention and enforcement to ensure all Albertans enjoy a clean and healthy environment. The ministry enforces environmental regulations when individuals or companies fail to comply with legislation.

CLEAN-UP OPERATION UNDERWAY AFTER 88,000 LITRES OF CRUDE OIL, WATER RELEASES FROM NORTHERN ALBERTA PIPELINE

(Source: Calgary Herald) A cleanup operation is underway in northern Alberta after 88,000 litres of crude oil and produced water was released from a pipeline.

The province's Alberta Energy Regulator said the spill of 44,000 litres of crude oil and 44,000 litres of salt and produced water happened near Red Earth Creek, located about 400 km north of Edmonton.

In a statement Wednesday, the company said they had notified the regulator and other area stakeholders that the emulsion release was about 98 per cent produced water and two per cent oil.

"The affected area has been contained and delineated and removal of released fluids continue," Harvest Operations spokesman Greg Foofat said in an email.

"Harvest will undertake all steps necessary to ensure the affected area is fully remediated in accordance with AER requirements.

“We remain committed to protect the environment and the health and well-being of the public through every decision and action and will apply learnings to mitigate the risk of an incident occurring in the future.”

There are no known impacts to wildlife or water bodies, Foofat said.

[Earlier this year in July](#) another company, Predator Oil Ltd., reported a pipeline had failed near Red Earth Creek releasing about 150,000 litres of crude oil and salt and produced water.

According to the AER, the emulsion in that spill was made up of approximately 25-30 per cent oil and 70-75 per cent water.

WORK CONTINUES ON REMEDIATION PLANS FOR ANTHONY HENDAY ASPHALT SPILL

(Source: Edmonton Journal) Vacuum units were used to remove an unknown quantity of hot tar from a provincial stormwater collection system following a [tanker rollover Monday](#) on the Anthony Henday Drive and Calgary Trail.

Alberta Environment and Parks officials said the units worked throughout the night following the accident to clean the storm system, removing product from the ground and removing the remaining product in the tanker trailers.

The truck, which was operated by Gardewine Trucking and was transporting 38,000 litres of asphalt, lost its trailer while being driven around the curved exit ramp at about 1 p.m., spilling its load on the road and grass near the off-ramp.

A semi tanker trailer detached from the truck and flipped over a guard rail on the Anthony Henday Drive overpass to Calgary Trail on Monday, Oct. 1, 2018. The truck was carrying 37,500 litres of hot liquid asphalt, which spilled down the embankment and into a provincial storm sewer system. The driver was not injured. Larry Wong / Postmedia

A “considerable amount” of hardened oil still remains on the slope and in the ditch. The tanker trailers were removed Tuesday morning.

The hot tar entered a stormwater collection system for the Henday but did not enter the system’s retention pond, a government statement said on Tuesday.

“Clean up with heavy equipment was scheduled to start with the closure of the highway after rush-hour traffic this morning to facilitate the contaminated soils removal, however, transportation has requested a clear, detailed plan of the contaminated soil removal submitted and reviewed before they ensure the integrity of their infrastructure is not compromised,” a government statement said.

A third-party consultant is “compiling a delineation, recovery and remediation plan for the hardened oil, contaminated soils and residue remaining in the stormwater infrastructure.”

Once remediation plans are approved, excavation of residual and contaminated materials will begin. No timeline has been offered as to how long that might take.

B.C. GOVERNMENT TO INTERVENE IN NATIONAL ENERGY BOARD RECONSIDERATION

The Government of British Columbia has filed its registration as an intervener to ensure that British Columbians’ interests are represented in the National Energy Board’s (NEB) reconsideration of aspects of its recommendation report on the Trans Mountain Pipeline Expansion Project.

“When the Federal Court of Appeal found a failure to consider the risks of marine tanker traffic resulting from the project, and that consultation with First Nations was inadequate, the concerns we’ve consistently raised were validated,” said George Heyman, Minister of Environment and Climate Change Strategy. “In registering as an intervener in this new NEB review, our focus remains on fully defending the interests of British Columbians and protecting our environment, our economy and our coast.”

Following the Federal Court of Appeal’s decision, the federal government last month announced it would refer the NEB’s recommendation report back to the NEB for a reconsideration focused on marine traffic impacts. The review is to be completed within 22 weeks.

“B.C. is concerned that the 22-week timeframe is insufficient to accommodate a thorough review, appropriate cross-examination and the time needed by Indigenous groups to fully participate,” said Heyman.

As an intervener, the B.C. government will advocate for a process that will meaningfully engage communities and Indigenous groups, provide opportunities for all citizens to be heard and demand thorough answers from the federal government as the new owner of the project. The opportunity for cross-examination is essential to properly assess the effects of increased shipping on marine life, including southern resident killer whales.

QUEBEC AUTOMOTIVE PAINT AND SUPPLY COMPANY FINED \$25,000 FOR VIOLATING THE CANADIAN ENVIRONMENTAL PROTECTION ACT, 1999

Canadians value a safe and clean environment. Environment and Climate Change Canada’s enforcement officers strive to ensure that businesses and individuals comply with federal environmental laws and regulations that protect Canada’s natural environment.

On September 21, 2018, company 9330-1208 Québec Inc. (operating as Les Produits Prodip.CA) was fined \$25,000 after pleading guilty, in the Montréal Courthouse, to one count of contravening the Volatile Organic Compound (VOC) Concentration Limits for Automotive Refinishing Products Regulations pursuant to the Canadian Environmental Protection Act, 1999. In addition to the fine, the company was ordered to pay \$5,145 to cover the cost of destroying the non-compliant paint. The fine will be directed to the Environmental Damages Fund.

In 2016, Environment and Climate Change Canada’s enforcement officers conducted an investigation, which revealed that the company sold automotive refinishing products containing volatile organic compounds in excess of the allowable limit under the Act.

Volatile organic compounds contribute to the formation of ground-level ozone and particulate matter, which are the main ingredients of smog. Smog is known to have adverse effects on human health and the environment. Studies indicate that air pollution, including smog, is associated with an increased risk of lung cancer and heart disease.

As a result of this conviction, the company’s name will be added to the Environmental Offenders Registry.

Quick facts

- Volatile organic compound emissions from consumer and commercial products are a significant contributing factor in the creation of air pollution in urban areas.
- The Department’s enforcement officers conduct inspections and investigations under the Canadian Environmental Protection Act, 1999. They strive to ensure that regulated organizations are in compliance with environmental legislation.
- The Environmental Damages Fund is administered by Environment and Climate Change Canada. It was created in 1995 to provide a mechanism for funds received as a result of fines, court orders, and voluntary payments to be directed to projects that will benefit our natural environment.

THE COMMISSIONER OF THE ENVIRONMENT AND SUSTAINABLE DEVELOPMENT RELEASES FALL REPORTS

Ottawa, 2 October 2018—In her Fall reports tabled today in Parliament, Commissioner of the Environment and Sustainable Development Julie Gelfand provides the findings of 3 audits, along with her Commissioner’s Perspective and the annual report on environmental petitions. The audits focused on toxic substances, protecting marine mammals, and departmental progress in implementing sustainable development strategies.

The audit on toxic substances found that Health Canada and Environment and Climate Change Canada had not assessed whether their action plans were reaching their overall objectives, which means that the government doesn’t know how well it is reaching its goal of protecting Canadians from the risks of toxic substances. The government has developed 39 regulations to control these risks, but many were subject to few or no inspections.

On the protection of marine mammals, such as whales, dolphins and seals from threats posed by vessels and commercial fishing, the audit found that Fisheries and Oceans Canada, in collaboration with 3 other federal departments, was very slow to take action to reduce threats. It wasn’t until 2017 that the departments took actions to protect 3 whale species, for example, by closing certain fisheries and setting speed limits for ships in some areas.

"The measures recently put in place have been reactive, limited and late. The clock could well be running out for certain species, such as the West coast's Southern Resident Killer Whale", stated Ms. Gelfand. "There needs to be continued action from the departments to manage threats from commercial fishing and vessels for **all** marine mammals."

The third audit re-examined whether 26 federal organizations took steps to ensure that the government's decisions reflected environmental considerations. It showed marked progress over previous years. With strategic environmental assessments carried out for more than 90% of the policy, plan, and program proposals submitted to Cabinet.

The [2018 Fall Reports of the Commissioner of the Environment and Sustainable Development](#) are available on the Office of the Auditor General of Canada Web site.

REMEDIAION TECHNOLOGY NEWS AND RESOURCES

(The following are selected items from the US EPA's Tech Direct - <http://clu-in.org/techdirect/>)

Upcoming Live Internet Seminars

NARPM Presents?Stress and Environmental Contamination: Tips and Tools from ATSDR - October 10, 2018, 1:00PM-3:00PM EDT (17:00-19:00 GMT). Environmental contamination can disrupt life as usual. Community members may feel stress for several reasons, including health and financial concerns. Join this webinar to learn more about stress, how it can affect health, and why environmental contamination can cause it. We'll offer practical tips and tools for acknowledging stress with community members and helping them cope. The webinar will wrap up with suggestions for dealing with stress you may feel as a professional working with communities affected by environmental contamination. For more information and to register, see <https://clu-in.org/live>.

FRTR Presents?Evolution of Subsurface Remediation: Lessons Learned from Technical Challenges to Achieving Cleanup Goals - Part 2 - October 17, 2018, 1:00PM-3:00PM EDT (17:00-19:00 GMT). This is the second half of a two-part webinar series featuring presentations delivered at the Spring 2018 FRTR Meeting. The meeting's goals were to identify and discuss case studies where remediation technologies were successful for a variety of soil and groundwater systems; and to share experiences and lessons learned that contributed to the operation of these successful remediation technologies. Part 1 from September 27 is available at <https://clu-in.org/live/archive/>. For more information and to register for the second session, see <https://clu-in.org/live>.

Borehole Geophysics Applied to Bedrock Hydrogeologic Evaluations - October 18, 2018, 1:00PM-2:30PM EDT (17:00-18:30 GMT). This presentation introduces the viewer to borehole geophysical tools commonly used in hydrogeologic investigations. These tools include gamma, temperature, conductivity, caliper, borehole video, acoustic and optical televiewers, heat-pulse flowmeter, and borehole deviation. Examples and case studies follow illustrating the usefulness of data obtained through the utilization of these tools, especially when used to design packer tests and multi-level discrete-zone sampling strings. In addition, borehole tools commonly used in shallow oil/gas well abandonment are presented. For more information and to register, see <https://clu-in.org/live>.

ITRC Remediation Management of Complex Sites - October 23, 2018, 1:00PM-3:15PM EDT (17:00-19:15 GMT). This training course and associated ITRC guidance: Remediation Management of Complex Sites (RMCS-1, 2017), provide a recommended holistic process for management of challenging sites, termed "adaptive site management." By participating in this training course we expect you will learn to apply the ITRC guidance document to: identify and integrate technical and nontechnical challenges into a holistic approach to remediation; use the Remediation Potential Assessment to identify whether adaptive site management is warranted due to site complexity; understand and apply adaptive site management principles; develop a long-term performance-based action plan; apply well-demonstrated techniques for effective stakeholder engagement; access additional resources, tools, and case studies most relevant for complex sites; and communicate the value of the guidance to regulators, practitioners, community members, and others. For more information and to register, see <https://www.itrcweb.org> or <https://clu-in.org/live>.

ITRC Issues and Options in Human Health Risk Assessment - A Resource When Alternatives to Default Parameters and Scenarios are Proposed - October 25, 2018, 1:00PM-3:15PM EDT (17:00-19:15 GMT).

After participating in this ITRC training course, the learner will be able to apply ITRC's Decision Making at Contaminated Sites: Issues and Options in Human Health Risk (RISK-3, 2015) document when developing or reviewing site-specific risk assessments by: identifying common issues encountered when alternatives to default parameters and scenarios are proposed during the planning, data evaluation, toxicity, exposure assessment, and risk characterization and providing possible options for addressing these issues; recognizing the value of proper planning and the role of stakeholders in the development and review of risk assessments; and providing information (that includes links to additional resources and tools) to support decision making when alternatives to default approaches, scenarios and parameters are proposed. For more information and to register, see <https://www.itrcweb.org> or <https://clu-in.org/live>.

New Documents and Web Resources

Updated 1,4-Dioxane Focus Area. The CLU-IN 1,4-Dioxane Focus Area has been updated to reflect the current state of the science, with an emphasis on the behavior, occurrence, site characterization and analytical methods, and treatment technologies sections. View and use at <https://clu-in.org/dioxane>.

Technology Innovation News Survey Corner. The Technology Innovation News Survey contains market/commercialization information; reports on demonstrations, feasibility studies and research; and other news relevant to the hazardous waste community interested in technology development. Recent issues, complete archives, and subscription information is available at <https://clu-in.org/products/tins/>. The following resources were included in recent issues:

- Sand Coulee Acid Mine Drainage Source Control: Abandoned Mine Reclamation Project, Cascade County, Montana
- Reclamation of Ohio Coal Mine Sites Using FGD Byproducts: Phase III Demonstration Projects
- Water Quality Prediction of Mining Waste Facilities Based on Predictive Models
- The MnDRIVE Transdisciplinary Project Implementation of Smart Bioremediation Technology to Reduce Sulfate Concentrations in NE Minnesota Watersheds
- Making Abandoned Mine Lands (AML) Profitable: Workshop Proceedings and Abstracts
- In Situ Analytical Characterization of Contaminated Sites Using Nuclear Spectrometry Techniques: Review of Methodologies and Measurements
- Technical Memorandum: FT007 ISCR Mitigation Injection Round 1
- Interim Measures Remedial Design Report, Former Schlage Lock Facility, 213 Red Iron Road, Rocky Mount, North Carolina
- Validation of Biotechnology for Quantifying the Abundance and Activity of Vinyl-Chloride Oxidizers in Contaminated Groundwater: Guidance Document
- Assessment of Post Remediation Performance of a Biobarrier Oxygen Injection System at a Methyl tert-Butyl Ether (MTBE)-Contaminated Site, Marine Corps Base Camp Pendleton, San Diego, California
- Long-Term Performance Assessment at a Highly Characterized and Instrumented DNAPL Source Area Following Bioaugmentation: ESTCP Cost and Performance Report
- Sustained In Situ Chemical Oxidation (ISCO) of 1,4-Dioxane and Chlorinated VOCs Using Slow-Release Chemical Oxidant Cylinders
- Electrokinetic-Enhanced (EK-ENHANCED) Amendment Delivery for Remediation of Low Permeability and Heterogeneous Materials
- Advances in the State of the Practice for Enhanced In Situ Bioremediation
- Treatment Wetlands

EUGRIS Corner. New Documents on EUGRIS, the platform for European contaminated soil and water information. More than 18 resources, events, projects and news items were added to EUGRIS in September 2018. These can be viewed at <http://www.eugris.info/whatsnew.asp> . Then select the appropriate month and year for the updates in which you are interested. The following resources were posted on EUGRIS:

A Verification Approach for Monitoring and Remediation Technologies in Soil and Groundwater Systems. The PROMOTE Consortium provided a verification procedure, tailored to its specific technology sector along with first reference reports on verified technologies. The document also includes recommendations for a European ETV system, based on communication with stakeholders and several pilot verifications and highlights a CEN Workshop Agreement on verification of site characterisation, monitoring

and remediation technologies for soil and groundwater. View or download at http://www.eugris.info/downloads/EC%20Promote_final_brochure_final.pdf

Advances in the State of the Practice for Enhanced In Situ Bioremediation (TR-NAVFAC EXWC-EV-1806). Naval Facilities Engineering Command prepared this report in February 2018. Enhanced in situ bioremediation (EISB) is an engineered technology that introduces physical, chemical, and biological changes to the aquifer to create the conditions necessary for microorganisms to transform contaminants of concern to innocuous byproducts. Recent innovations and trends to facilitate successful application are introduced. While this document discusses current industry-accepted best practices to design and apply EISB with a primary focus on chlorinated ethene remediation, it also discusses progress in identifying microorganisms capable of degrading 1,4-dioxane. View or download at https://www.navfac.navy.mil/content/dam/navfac/Specialty%20Centers/Engineering%20and%20Expeditionary%20Warfare%20Center/Environmental/Restoration/er_pdfs/e/EISB-Advances-Final-022018.docx.pdf

Community Involvement

New section for the ESAA Newsletter. If your company or staff are involved with a community or charity event, feel free to send us a write-up for inclusion in the newsletter. Help us spread the word about the good work our industry does across the province.

New ESAA Member

ESAA's Board of Directors and staff would like to welcome the following new member:

Full Member:

waterra

Waterra Pumps Limited

6810A - 6th Street SE

Calgary, AB T2H 2K4

Phone: (403) 238-0022

Website: www.waterra.com

John McAdam, Chairman

Email: j.mcadam@waterra.com

Profile:

Waterra is a manufacturer and distributor of equipment and accessories for groundwater sampling and monitoring. It has a filter manufacturing facility in a cleanroom environment in Calgary and a sales office in Mississauga.

Upcoming Events

CPANS Edmonton October Luncheon

EDMONTON OCTOBER LUNCHEON: PROVINCE-WIDE PHOTOCHEMICAL MODELLING OF AMBIENT AIR QUALITY WITH CMAQ - October 12 @ 11:30 AM - 1:00 PM

Alberta Environment and Parks used the CMAQ photochemical model to evaluate the contribution of various source sectors to ambient air quality across the Province of Alberta. The contribution of source sectors was evaluated using an improved emissions inventory, complete calendar year of meteorology and across the whole province at the same time. The presentation will focus on the technical details of the project, the key results and some of the remaining challenges.

Speaker Biography:

Maxwell Mazur, Senior Air Quality Specialist, Alberta Environment and Parks

Maxwell Mazur joined Alberta Environment and Parks in 2014. He is the Senior Air Quality Specialist for the Red Deer North Saskatchewan region. In his time with the department he has contributed to the understanding and management of fine particulate matter in the region through the Capital Region and Red Deer fine particulate matter responses. This work combines Maxwell's experience in air quality research (e.g. M.Sc. University of Toronto, Publications with Environment Canada) and interaction with stakeholders to implement and achieve effective air quality management in Alberta.

Date: Friday, October 12, 2018

Time: 11:30 to 1:00 p.m. (registration starts at 11:30)

Cost: \$35 – A&WMA Members / \$45 – Non-Members / \$15 – Students (includes hot lunch & coffee). All prices include GST.

Location: The University of Alberta Faculty Club (11435, Saskatchewan Drive), Papaschase Room (upstairs, right)

Time: 11:30 to 1:00 p.m. (registration starts at 11:30)

Cost: \$35 – A&WMA Members / \$45 – Non-Members / \$15 – Students (includes hot lunch & coffee). All prices include GST.

Register online at <http://cpans.org/event/edmonton-october-luncheon-province-wide-photochemical-modelling-of-ambient-air-quality-with-cmaq/>

SUBSOIL SALINITY TOOL (SST) VERSION 3.0 UPCOMING COURSE OCT 16-19, 2018

Full 3.5 day certification course:

The Alberta Environment and Parks (AEP) Subsoil Salinity Tool (SST) Version 3.0 is a software tool used to generate Tier 2A and 2B Subsoil Remediation Guidelines (SRGs) for chloride, SAR and sodium. This 3.5 day course includes three days of instruction on theory and case studies, with the exam on the morning of the fourth day morning (four-hour comprehensive exam). Students achieving a passing mark (80%) will obtain AEP certification and a certificate number registered at AEP for submitting SST derived SRGs. The course will include instruction on both the current Version 2.5.3 and upcoming Version 3.0 in order to gain familiarity with the existing software as well as becoming familiar with the various updates/upgrades in Version 3.0, including the subsoil SAR/sodium module. A pre-release version of Version 3.0 will be available to attendees during the course, with the official software for Version 3.0 to be released directly by AEP/AER later in 2018. Successful completion of the course including passing the exam will result in an SST certificate which notes both Version 2.5.3 and Version 3.0 on it with thus no need for further updating to Version 3.0. Cost for the full certification course is \$1200 + GST.

Calgary: **October 16 – 19, 2018**
Equilibrium Environmental Office

For further information, please email SSTHelp@eqm.ca or contact Equilibrium Environmental at 403-286-7706 or visit www.eqm.ca for future course dates and a copy of the registration forms.

BEST PRACTICES FOR SITE CHARACTERIZATION THROUGHOUT THE REMEDIATION PROCESS, BOSTON, MA, DECEMBER 3-6, 2018. This training course is based on best management practices (BMP) implemented by the U.S. EPA, partnership organizations, federal and state partners, and consultants. Participants will learn how to streamline projects in a legal, technically sound, and cost-effective manner. By taking the course, participants achieve the following objectives: integrate best practices into traditional project activities, effectively collect and communicate critical project information, design dynamic work strategies, recognize and overcome the challenges presented while implementing a dynamic work strategy, and use BMPs to support all phases of the environmental cleanup life cycle. For more information and to register, see <https://trainex.org/offeringslist.cfm?courseid=1515>.

Industry Positions Openings

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

Opportunity: Director, Alberta Recycling Management Authority

Alberta Environment and Parks, Edmonton. It is recognized in Alberta as a fundamental principle and as a matter of public policy that all persons are equal. Diversity and inclusion are valued and supported on the boards of Alberta's public agencies

The Minister of Environment and Parks is seeking applications from individuals interested in serving as a Director with the Alberta Recycling Management Authority.

The majority of board meetings are held in Edmonton at the Alberta Recycling Management Authority's head office. There are some exceptions where meetings are held in other locations in Alberta.

The Alberta Recycling Management Authority is a delegated administrative organization that is accountable to the Minister of Environment and Parks. The Alberta Recycling Management Authority is responsible for managing three of Alberta's five regulated recycling programs for tires, electronics, paint (and paint containers).

The Alberta Recycling Management Authority collects environmental fees remitted from suppliers on designated materials (tires, electronics, paint) sold in the province. The fees are used by the Alberta Recycling Management Authority to administer the relative recycling programs including administrative costs; operational costs such as the collection, transportation and processing of material; education programs and research and development activities. The Alberta Recycling Management Authority is required through regulation to report annually to the Minister of Environment and Parks.

Reporting to the Minister of Environment and Parks, the Alberta Recycling Management Authority Board is accountable for guiding the strategic direction and overseeing the development and delivery of appropriate business processes of Alberta Recycling Management Authority in a manner consistent with its mandate.

The Director appointed by the Minister along with the other members of the Board have a significant role to play in the organization's success by overseeing the governance and management of the organization.

As an Alberta Recycling Management Authority Board Director, you will have an opportunity to influence Alberta's regulated recycling programs for paint, electronics, and tires and to use your diverse set of competencies and experience to enhance the effectiveness of the Board in carrying out its mandate.

Board Responsibilities

- Guide the vision, mission and mandate of the Alberta Recycling Management Authority and provide strategic leadership to the organization.

- Guide operational controls, administrative and reporting procedures and systems to ensure operating effectiveness of the organization. This includes but is not limited to recycling program, fiscal, legal responsibility, communication and accountability oversight.
- Maintain an understanding of the regulatory, legislative, social, and political environment in which the Alberta Recycling Management Authority operates.
- Become generally knowledgeable about the business of the Alberta Recycling Management Authority and the industries involved in its recycling programs.
- Participate in director orientation.
- Act as an effective ambassador and representative of the Alberta Recycling Management Authority.
- The standard term for appointment is three years. The Director may serve on the Board for a maximum of three consecutive terms of up to three years each, for a total of nine years, subject to performance as determined by the Alberta Recycling Management Authority's board and director evaluation process.

Skills and Experience Required:

- Applicants should have experience working with Indigenous peoples and organizations.
- Applicants should demonstrate strong connections to the Indigenous community.
- The applicant understands the diversity of Indigenous peoples and Indigenous ways of being. They also understand the contemporary and historical context of the issues facing Indigenous people, and the strength and resilience of Indigenous people and their communities.
- Applicants should demonstrate a willingness to learn or have knowledge of how waste management and recycling work within Indigenous communities and understand the associated challenges and opportunities. They should be motivated to learn or understand the legislative framework for provincial waste management and recycling, including the roles of different stakeholders.
- Applicants should have knowledge of or previous governance experience in the private, public or volunteer/non-profit sector. In addition, the Director should be willing to grow their personal effectiveness skills: leadership/teamwork skills, strategic thinking/planning skills, critical thinking/problem solving skills.
- All Director applicants should have a willingness to learn about product stewardship. This may include environmental benefits, types of end-of-life management and the waste hierarchy.

Remuneration and Time Commitment

The Alberta Recycling Management Authority determines its own remuneration and expense policy. The Alberta Recycling Management Authority has determined that in consideration of their services, Directors will be provided an honorarium. No salary is provided for this position. The Per Diems outlined in the current Honoraria and Expense policy for the Alberta Recycling Management Authority Board is as follows:

Board Meetings

- \$300.00 for Board business up to four hours in duration; or
- \$600.00 for Board business over four hours in duration to a maximum of eight hours;
- Committee Meetings – \$75.00 per hour with a four-hour minimum
- Committee Chairs – \$75.00 per hour for committee work outside of meetings;

Board Member Activities

- \$75.00 per hour for actual time while on Board business, and other Board activities (e.g. processor site visits, stakeholder meetings, presentations, conferences) with a minimum four hours per day charged and a maximum of eight hours per day charged;
- Meeting Preparation – Board and Committee members may claim \$75.00 per hour for actual time preparing for Board and Committee meetings, with a two-hour maximum;
- Travel Time – \$25.00 per hour actual time travelling between locations. Details on expenses incurred on Alberta Recycling Management Authority activities can be provided;
- Directors may be required from time to time to make use of their personal vehicles or incur out-of-pocket expenses in the course of serving the Alberta Recycling Management Authority. The Alberta Recycling Management Authority has determined that in these instances, Directors should receive compensation or reimbursement as per Alberta Recycling Management Authority's Remuneration Policy.

There are approximately six regular board meetings per year including a multi-day strategic planning session. Meetings are typically held in Edmonton but may be held outside Edmonton as determined by the Board. The expected annual time commitment for this vacancy is approximately 12 to 14 days.

Position Profile

Please see the Position Profile for more information on this opportunity and a detailed list of responsibilities:

<https://www.alberta.ca/public-agency-opportunity.cfm?appt=600&print&DPP>

In addition to your cover letter and resume, we require a biography. Click <https://www.alberta.ca/public-agency-opportunity.cfm?appt=600> to download the form.

Once your biography and other required form(s) are completed, save it to your PC. When you hit 'submit application', you will be prompted to upload additional documents. Drag and drop (or upload) your completed cover letter, biography and other form(s) into the 'Drop files below or click to upload' section before clicking the 'apply' button.

Contact Information

**Patrick Kane, Director Waste Policy,
Alberta Environment and Parks
10th floor Oxbridge Place 9820 – 106 Street Edmonton AB T5K 2J6
Phone: 780-422-2136
Email: Patrick.Kane@gov.ab.ca**

Carefully read the Recruitment Posting and the Position Profile to ensure this is an appropriate opportunity for you. Applicants are advised to provide information that clearly and concisely demonstrates how their qualifications meet the advertised requirements.

Online applications are preferred. To apply, click on the 'apply' button, create or sign into your account in the ePAAS system; upload your resume, view the listing under Current Opportunities and click on 'submit application'. The uploaded resume will be automatically attached.

Provide a short 4-line biography using the Biography template found under additional documents section. Your biography should include your name, current work experience, board/committee experience and relevant education. Please note that biographies may be edited for length and clarity.

Once your biography and other required form(s) are completed, save it to your PC. When you hit 'submit application', you will be prompted to upload additional documents. Drag and drop (or upload) your completed cover letter, biography and other form(s) into the 'Drop files below or click to upload' section before clicking the 'apply' button.

If you are unable to apply online, please submit a cover letter and resume, quoting the recruitment posting competition number, to the contact provided on the posting. We thank all applicants for their interest. All applications will be reviewed to assess which candidates' qualifications most closely match the agency's requirements. Only those selected for interviews will be contacted to advance to the next step in the appointment process. You can check the status of each competition on-line at <https://www.alberta.ca/public-agencies.cfm>.

All potential candidates will be screened for potential conflicts of interest. Please Note: Successful applicants will have the following information about them made publicly available on the Public Agency Secretariat Website: name, biography, public agency, and position title.

Closing Date: November 14, 2018. Job ID #600

<https://www.alberta.ca/public-agency-opportunity.cfm?appt=600>