

Weekly NEWS



An Information Service for Alberta's Environment Industry

The Week Ending January 31st, 2020



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Comments & submissions are welcome!

Please submit your announcement via e-mail to:
weeklynews@esaa.org

EnviroTech 2020

April 27-29, 2020

Hyatt Regency Calgary

Last change to register for *EnviroTech 2020* and save.

Early Bird Registration rates available until midnight on Friday, January 31st. Register before January 31st, 2020 and **save 20%**.
(Note: Cancellation deadline for registrations is March 1st.)

[Register Now](#)

8 Exhibit Spaces Remaining

Eight (8) exhibit spaces are still available for *EnviroTech 2020*. *EnviroTech 2020* is expected to have 300+ delegates and 40 exhibitors and feature a program with 42 technical talks and 3 keynotes.

EnviroTech 2020 features an all new floor plan and additional exhibit space. For the new floor plan and a list of current exhibitors, visit:
<https://www.esaa.org/envirotech/exhibitors/>

Exhibit space includes:

- One or two booth worker passes (depending on booth package chosen) which provide access to the trade show, all meals, receptions, and coffee/networking breaks. Does not include access to the technical sessions.
- 10' wide x 8' deep booth space
- 3' high side wall and 8' high back wall drape
- 6' table
- 2 padded chairs
- One 110v power outlet

If you are interested in receiving the exhibitor brochure, please contact: lorraine@tl2.ca

In addition, a number of **sponsorship opportunities** remain, including:

- ***Emerald***
- ***Ruby***
- ***Sapphire***

Check out the current list of sponsors at: <https://www.esaa.org/envirotech/sponsors/>

If you are interested in receiving the sponsor brochure, please contact: lorraine@tl2.ca

We look forward to your continued support of ESAA events and to welcoming you to *EnviroTech 2020*.

AER: PUBLIC SAFETY AROUND OIL AND GAS INFRASTRUCTURE

The Alberta Energy Regulator's mandate is to protect public safety and the environment, while ensuring the responsible development of Alberta's resources.

We remind all Albertans that tampering with oil and gas infrastructure, such as turning off valves and cutting power to oil and gas sites, is unsafe and could lead to criminal charges.

A person attempting to interfere with oil and gas infrastructure could expose themselves and others to hydrogen sulfide (H₂S) gas, which is deadly in high concentrations, and explosions, fires, and electrocution can result.

Landowners are encouraged to continue to work with the Alberta Surface Rights Board and Government of Alberta as it relates to surface lease payments.

Albertans are invited to contact our 24-hour response line at 1-800-222-6514 if they have any safety concerns.

WATER ADVISORY ISSUED AFTER PLANT IN NORTHERN ALBERTA SHUT DOWN

(Source: Red Deer Advocate) JANVIER, Alta. — It could take more than a week for the taps to go on again in a small community in northern Alberta where a water treatment plant was shut down.

Alberta Health Services issued an advisory Friday after a mistake at the Janvier plant.

"Water quality may have been impacted when the chemical used in the filtration process (polyaluminum chloride) was mixed with the chemical used in the disinfectant process (sodium hypochlorite)," the Regional Municipality of Wood Buffalo said on its website.

"These are the regular chemicals used while treating water, but they should not be combined at the same stage in the treatment process."

The public was not exposed to the contaminated water, the municipality said.

It said people who decide to stay in Janvier, about 120 kilometres south of Fort McMurray, Alta., will be supplied bottled water. Buildings that receive trucked water for their cisterns are not affected.

It will take between seven to 10 days to clean the water plant, That will include removing the chemicals, cleaning the reservoir and reinstalling the tank, the municipality said.

"There is an ongoing investigation into the cause of the incident," it said. "Once determined, we will be reviewing the current system and procedures and putting additional controls in place to help ensure we avoid future disruptions to the supply of water."

Janvier's elementary school, Father R. Perin School, has been closed. The Northland School Division said it would have been too difficult to maintain health standards if the building had remained open.

This report by The Canadian Press was first published Jan. 28, 2020

CCME: ECOLOGICAL RISK ASSESSMENT GUIDANCE DOCUMENT

CCME has posted the *Ecological Risk Assessment Guidance Document*.

This document provides general guidance for site managers and risk assessors to conduct ecological risk assessment for soils, sediments, surface water and groundwater in the context of managing contaminated sites. It expands the *Federal Contaminated Sites Action Plan Ecological Risk Assessment Guidance* to apply to all jurisdictions and align with CCME's *Framework for Ecological Risk Assessment: General Guidance* (1996).

Please click [here](#) for details

CANADA ENVIRONMENTAL DAMAGES FUND – CALL FOR PROPOSALS

(Source: HazMat Magazine) The Canadian Environmental Damages Fund (EDF) is a specified purpose account administered by Environment and Climate Change Canada (ECCC) to direct funds received from fines, court orders and voluntary payments to priority projects that will benefit Canada's natural environment.

ECCC recently issues a call for proposals for funding of projects. The deadline for submission of proposals is February 18th, 2020.

Groups eligible for funding include non-governmental organizations, universities and academic institutions, Indigenous organizations, and provincial/territorial & municipal governments. Although private companies are not eligible for funding, they are encouraged to partner with eligible groups to apply for funding.

ELIGIBLE PROJECTS

When allocating funds, ECCC gives priority to projects that restore the natural environment and conserve wildlife, followed by environmental quality improvement initiatives, research and development on environmental restoration and improvement, and education and awareness on issues affecting the health of the natural environment.

There is no maximum project duration. The average length of a project is approximately two years.

EDF funding is available for projects that meet the following criteria:

- address one or more of EDF's four priority areas noted above
- satisfy all fund use requirements as listed on the [EDF Available Funds page](#)
- are scientifically sound and technically feasible
- are cost-effective in achieving goals, objectives and results
- can measure results using EDF performance indicators
- show that the environment will benefit from the project
- demonstrate that the applicant possesses or has access to necessary partnership, experience, knowledge and skills required to undertake the project

While matching funds are not required, evidence of other funding sources such as matching contributions and the respective amounts, or demonstration of the applicant's ability to raise funds from sources other than the federal government in a past project **will** be considered as an asset at the proposal evaluation stage.

In addition, your project must include at least one of the EDF's performance indicators. The EDF Applicant Guide contains the complete list and explanation of indicators and is available upon logging into the [Grants and Contributions Enterprise Management System \(GCEMS\)](#).

Available funds

Available funding varies according to the number of court awards and voluntary contributions directed to the EDF. In its sentencing decision, the court may recommend the recipient, location and scope of a project funded by the fine. This information is considered in the assessment of the fine and in the definition of the appropriate fund use requirement. Funding is currently available in the following provinces and territories:

British Columbia

Application Deadline: February 18, 2020

Location: British Columbia

Funds Available: \$275,033.06

Fund use requirement: For projects related to the conservation and protection of fish or fish habitat or the restoration of fish habitat in any watershed in the Province of British Columbia with priority for projects in the Bulkley River watershed, Fraser River watershed (Cariboo-Chilcotin Central Region), or the Campbell River watershed, or near the city of Powell River, British Columbia. Minimum funding request is \$100,000.

Application Deadline: February 18, 2020

Location: British Columbia

Funds Available: \$90,000

Fund use requirement: For projects aimed at waterfowl, bird and fish habitat conservation and restoration in British Columbia with priority for projects in or around the Fort St. John area, British Columbia. Minimum funding request is \$90,000.

Alberta

Application Deadline: February 18, 2020

Location: Alberta

Funds Available: \$269,950.17

Fund use requirement: For projects related to the conservation and protection of fish or fish habitat or the restoration of fish habitat in the Province of Alberta, with priority for projects in the North Saskatchewan River watershed. Minimum funding request is \$100,000.

Application Deadline: February 18, 2020

Location: Alberta

Funds Available: \$35,227.65

Fund use requirement: For projects aimed at managing and/or conserving and protecting fish and/or fish habitat in the Lesser Slave Lake watershed. Minimum funding request is \$35,227.65.

Northwest Territories

Application Deadline: February 18, 2020

Location: Northwest Territories

Funds Available: \$32,765.08

Fund use requirement: For projects aimed at protecting, conserving or restoring the environment or promoting the conservation and protection of fish or fish habitat or the restoration of fish habitat in the Northwest Territories with priority for projects within the Yellowknife watershed, Northwest Territories. Minimum funding request is \$32,765.08.

Saskatchewan

Application Deadline: February 18, 2020

Location: Saskatchewan

Funds Available: \$40,000

Fund use requirement: For projects aimed at promoting the proper management and control of fisheries or fish habitat or conservation and protection of fish or fish habitat in the Province of Saskatchewan with priority for projects in the Moose Jaw watershed, Saskatchewan. Minimum funding request is \$40,000.

Application Deadline: February 18, 2020

Location: Saskatchewan

Funds Available: \$104,000

Fund use requirement: For projects aimed at protecting, conserving or restoring the environment in the Province of Saskatchewan, with priority for projects in the west-northwest region of Saskatchewan. Minimum funding request is \$104,000.

Yukon

Application Deadline: February 18, 2020

Location: Yukon
Funds Available: \$20,000

Fund use requirement: For projects aimed at protecting, conserving or restoring the environment in the Yukon Territory with priority for projects near Whitehorse, Yukon. Minimum funding request is \$20,000.

Ontario

Application Deadline: February 18, 2020
Location: Ontario
Funds Available: \$75,000

Fund use requirement: For projects aimed at the conservation and protection of fish or fish habitat or the restoration of fish habitat within the municipal boundaries of the City of Kawartha Lakes. Minimum funding request is \$75,000.

Québec

Application Deadline: February 18, 2020
Location: Quebec
Funds Available: \$404,199

Fund use requirement: For projects aimed at promoting the conservation, protection and restoration of the habitat of Lac Mégantic and the Chaudière River. Minimum funding request is \$100,000.

Application Deadline: February 18, 2020
Location: Quebec
Funds Available: \$380,000

Fund use requirement: For projects aimed at scientific research, improvement and/or restoration of fish habitat or the conservation and protection of fish or fish habitat in the region of la Capitale-Nationale or the Chaudières-Appalaches. Minimum funding request is \$100,000.

Application Deadline: February 18, 2020
Location: Quebec
Funds Available: \$1,126,627

Fund use requirement: For projects aimed at promoting the protection, conservation, recovery or restoration of the environment in the Province of Quebec, more specifically in the Montreal region. Minimum funding request is \$200,000.

Newfoundland and Labrador

Application Deadline: February 18, 2020
Location: Newfoundland and Labrador
Funds Available: \$200,000

Fund use requirement: For projects aimed at protecting, conserving, or restoring the environment in the Province of Newfoundland and Labrador. Preference will be given to projects in coastal locations. Minimum funding request is \$100,000.

New Brunswick

Application Deadline: February 18, 2020
Location: New Brunswick
Funds Available: \$50,000

Fund use requirement: For projects aimed at promoting the conservation and protection of fish and fish habitat, or the restoration of fish habitat in the Province of New Brunswick. Minimum funding request is \$50,000.

Application process

Step 1: Confirm available funds and project eligibility

Review funding opportunities, and confirm funds are available in your project's location. Review fund use requirements associated with each available fund and ensure your project's activities satisfy those requirements.

Log into [GCEMS](#) to access the EDF Applicant Guide. Refer to the Applicant Guide to ensure all proposed project activities are eligible EDF expenditures. For questions or clarification, please contact an EDF office in your region.

Step 2: Prepare your funding application using GCEMS

Visit the [GCEMS application instructions page](#) for technical assistance documents, tutorials, and support throughout your application preparation.

If desired, contact the EDF office in your region prior to the application deadline to discuss your project application with an EDF Program Officer. Officers can also help provide advice/information on:

- the EDF program
- the funding process
- official languages requirements

Step 3: Submit your application

Once you have submitted your application, you will receive an acknowledgment of receipt email confirming successful submission.

Following the project review phase, you will receive notification on the status of your funding application.

OTTAWA TO BAN 'HARMFUL' SINGLE-USE PLASTICS AS EARLY AS 2021

(Source: Toronto Star) OTTAWA—The federal government plans to [ban "harmful" single-use plastics](#) across Canada as early as 2021, a move that Prime Minister Justin Trudeau says will protect the environment for future generations and spur billions of dollars in economic growth.

Speaking to reporters Monday in Mont-Saint-Hilaire, Que., Trudeau said a major push to reduce plastic pollution is necessary to address a situation where whales and other animals are washing up on beaches around the world with their bellies full of plastic.

The new plan does not include a list of products that will be banned as "harmful," but Trudeau said decisions will be based on scientific analysis over the coming months. Trudeau's office said banned products could include items like plastic cutlery, bags, straws, plates and stir sticks.

Companies themselves will also be responsible to fund recycling programs for the products they create, ranging from things like bottles of pop to cellphones, Trudeau said.

"This is a shift around responsibility," he said, claiming this would raise billions in revenue and create 42,000 jobs.

"Imagine some of your fondest memories. Maybe you're camping or cottaging, canoeing or fishing. Now imagine those memories punctuated by dead birds or fish, or maybe a pile of coffee cup lids and shopping bags covering the ground or floating all around you," Trudeau said.

"That's the reality for our kids if we don't act now."

While environmental groups welcomed Monday's announcement, the Conservative Opposition said the Liberal government needs to explain how much these changes will cost, as well as how it will affect thousands of people who work in the plastics manufacturing industry. The Canadian Federation of Independent Business, meanwhile, called for an

economic assessment to determine whether banning single-use plastics will hurt small businesses like restaurants and retailers.

“It’s better to have incentives ... (for) people to reduce their consumption,” Conservative Leader Andrew Scheer told reporters Monday, dismissing Trudeau’s announcement as a mere “gesture” without a plan to accomplish anything.

“This is clearly just a government that’s clutching at straws trying to change the channel from its scandals,” he said.

NDP Leader Jagmeet Singh called the ban a “good idea,” and pointed out that a parliamentarian from his party — British Columbia’s Gord Johns — already proposed such a ban by 2022 in a private member’s bill. But Singh was skeptical the government would follow through, given its broken promises on electoral reform and other issues where Singh alleged the Liberals have fallen short.

“I have the same anxiety that they’ll make promises but they won’t end up attaining the results,” Singh said in French.

For several weeks, Environment Minister Catherine McKenna has been hinting that the Liberal government is planning new ways to reduce plastic pollution in its anticipated “zero plastics waste strategy.”

In June 2018, Canada joined the European Union, United Kingdom, France, Germany, Italy and others in a joint strategy to reduce plastics that end up in the world’s oceans. The non-binding agreement included a pledge that all plastics in these countries would be recycled, reused or burned for energy by 2040.

The federal government has also committed to reducing plastic waste in its own operations, including by eliminating “unnecessary” single-use plastics like straws, cups, and bags.

But Trudeau admitted Monday that Canada has fallen short on recycling in the past.

A report drafted by the firm Deloitte for Environment Canada earlier this year found that Canada recycles just 9 per cent of its plastics, with the rest tossed into landfills as trash or burned in incinerators.

More than 3.2 million metric tons of plastic ended up as garbage in 2016 alone, the report said.

Vito Buonsante, plastics program manager for the advocacy group Environmental Defence, said bans are a necessary part of reducing plastic pollution that kills wildlife and dirties the environment around the world. He hopes Ottawa moves quickly to determine which plastics are considered “harmful” and can be regulated and banned as toxic substances under the Canadian Environmental Protection Act.

It is also important to make manufacturers and businesses responsible for recycling the plastics they use in their products, Buonsante said. As things stand, businesses have “no responsibility” for the plastics in their products, which Buonsante said is a particular problem for single-use packaging that isn’t easily recyclable, such as when several different types of plastic are layered together.

The Ontario government recently announced plans to force companies to pay the full cost of recycling, and Buonsante said Trudeau’s similar shift means Ottawa can set up a minimum standard for business accountability across the country.

“Shifting the responsibility to the producer means also that taxpayers don’t have to bear the cost for their poor design choices,” Buonsante said.

The Chemical Industry Association of Canada, a group that represents large plastics manufacturers like Dow Chemical, welcomed the shift to corporate responsibility but cautioned that any changes to how plastics are regulated should be based on science. The association’s executive vice-president, Isabelle DesChenes, said the government should study the environmental impacts of products that would replace single-use plastics before banning them.

“We want to ensure the outcomes aren’t predetermined,” DesChenes said. “We’re looking forward to really engaging with the government on this.”

New ESAA Member

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

Full Member:



Claytech Services Inc.

10457 - 184 St.

Edmonton, AB T5S 1G1

Phone: (587) 990-9802

Web: www.claytechservices.com

Mr. Trevor Thera, Director, Business Development

e-mail: tthera@claytechservices.com

Profile

Customized engineered solutions, patented technologies, and operational excellence makes Claytech the clear choice for all your fluid, sludge, slurry and wastewater management requirements. We provide safe, cost-effective, environmentally friendly products, services and innovative solutions to enhance your operational and environmental performance.

Upcoming Events

CLRA Alberta Chapter - 2020 AGM & Conference



List of Preliminary Presentations & Speakers Now Available!

Conference Dates: February 26 - 28, 2020

The conference consists of:

- Two days of presentations with over 40 different speakers
- Networking breaks
- Sponsor booths
- Wednesday evening networking reception
- Thursday evening social, banquet*, and award presentations



**Tickets to for the Banquet on Thursday, February 26, are available for members, non-members, and students who would like to attend the banquet only.*

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CALL FOR ABSTRACTS: ESAA SESSION AT BEST 2020

ESAA has been invited by the British Columbia Environment Industry Association (**BCEIA**) to provide a technical session at **BEST 2020**, May 6-8th at the Chateau Whistler.

ESAA is inviting member companies to submit abstracts for consideration. The session of three (3) talks will focus on water issues and/or contaminated sites as related to Alberta projects. Potential topics include, but not limited to:



- groundwater contamination
- groundwater management
- surface water
- produced water
- modelling
- monitoring
- hydraulic fracturing
- emerging contaminants
- saline contamination
- industrial re-use
- risk management
- wetlands
- treatment
- difficult or unique locations

Abstracts should be no longer than 500 words (including bio), should include a presenter biography, and be submitted as a Word Document by no later than midnight on Friday, February 7th, 2020.

Send abstract submissions to Joe Chowaniec via email to: chowaniec@esaa.org

For more information about *BEST 2020*, visit: <https://bceia.com/best/>

Note: Speakers are responsible for their registration fees and associated travel expenses.



SMART Remediation 2020 in Alberta

Smart Methods in Advanced Remediation Technologies (SMART)

is a series of technical learning seminars for environmental professionals. We bring the North American environmental community together to enhance our collective understanding of cutting edge characterization and remediation technologies. Our seminars are full of technical information on how-to's, latest tips 'n tricks and up-to-date techniques.

We have a great line up of speakers once again for SMART Edmonton and Calgary. This year we are also bringing back the Demonstration Corner. **Want to know specifically what we are presenting....** All abstract summaries and speaker bios are listed on the [website](#) for the upcoming events in Edmonton and Calgary.

SPACE IS LIMITED!

Includes Breakfast & Conference: 7:30 - 3:00 pm.
with Lunch & Networking Opportunities

[Early Bird Pricing of \\$169 in effect until February 14, 2020.](#)

March 11, 2020 – Edmonton

Fairmont Hotel Macdonald
10065 100 Street
Edmonton, AB T5J 0N6

March 12, 2020 – Calgary

Sheraton Suites Calgary Eau Claire
255 Barclay Parade SW
Calgary, AB T2P 5C2

 REGISTER TODAY!

Industry Positions Openings



As a benefit of ESAA Membership, ESAA Members can now post position openings on our website at no charge. Position opening ads also will appear in the newsletter at no charge. For full details visit: <https://www.esaa.org/news/job-board/>

Note: You must still complete the advertising form. After completing the order form, you will receive an email with a link to post your position.

Non-Members are welcome to advertise as well for a nominal charge. Visit [advertising form](#) to place your order.

Job Title	Organization	Application Deadline	Term	Details
Intermediate Environmental Project Manager	Terralogix Solutions Inc.	2020-02-05	Full-Time	more
Environmental Technologist (Job# 38097)	City of Edmonton	2020-02-07	Full-Time	more
Senior Environmental Specialist	LEHDER Environmental Group	2020-02-08	Full-Time	more
Archaeology Field Technician	H3M Environmental	2020-02-29		more
Intermediate Environmental Engineer	Secure Energy	2020-02-28	Full-Time	more
Senior Environmental Site Assessment Specialist	SNC Lavalin Inc.	2020-02-29	Full-Time	more
Field Director/ Supervisor	H3M Environmental	2020-02-29	Full-Time	more
Archaeology Permit Holder	H3M Environmental	2020-02-29	Full-Time	more
Junior Environmental Scientist	Trace Associates Inc.	2020-02-29	Full-Time	more
3544 - Business Lead (Calgary, Alberta)	SLR Consulting (Canada) Ltd.	2020-03-07	Full-Time	more
3544B - Project Manager (Lloydminster, Alberta)	SLR Consulting (Canada) Ltd.	2020-03-07	Full-Time	more
3544C - Environmental Practitioner II	SLR Consulting (Canada) Ltd.	2020-03-14		more
Environmental Engineer, Scientist or Geologist - 2 to 4 Years Experience	Langan	2020-03-31	Full-Time	more
Environmental Engineer, Scientist or Geologist - 4 to 8 Years Experience	Langan	2020-03-31	Full-Time	more