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PROVINCE EXTENDS DEADLINE ON LAND-USE PLAN FOR SOUTHERN ALBERTA

(Source: Calgary Herald) The province has extended the deadline for public comments on a draft land-use plan for southern Alberta until the end of February.

The plan was initially open for public comment until Wednesday. It covers all of southern Alberta from the Rocky Mountains to the Alberta-Saskatchewan boundary and will guide future decisions on development, recreation and conservation in the area.

More than 1.6 million people live in the area.

On Wednesday, officials with Alberta Environment and Sustainable Resource Development said the deadline will be extended until the end of February to give people more time to comment on the complex plan.

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ALBERTA REGULATOR INVESTIGATES CNRL WELL LEAK IN TROUBLED FIELD

(Source: Canadian Press) COLD LAKE, Alta. - The Alberta Energy Regulator is investigating another leak from a Canadian Natural Resources (TSX:CNQ) bitumen well near Cold Lake.

The regulator says 27,000 litres of crude bitumen were released underground on Jan. 3 at the company's troubled Primrose field.

But agency spokesman Darin Barter said the leak has been stopped.

"There was no release to surface," Barter said Friday. "There's no aquifers that have been impacted by this incident."

Barter said the release has been definitively attributed to a failed well casing, setting this leak apart from an earlier one in the same field last summer that also remains under investigation.

In that leak, more than a million litres of bitumen has so far seeped to the surface. The spill continues, although cold weather has slowed the amount to almost nothing.

CNRL has said the earlier leak was also due to a well failure.

"We don't necessarily share that view of the incident," said Barter.

The regulator is investigating whether the bitumen escaped through cracks in the rock above the deposit and was driven to the surface by high-pressure steam pumped underground to soften it before being extracted. The company has been ordered to reduce the pressure of the steam it uses.

The first leak remains the subject of a \$40-million cleanup effort from CNRL.

Barter said there's no indication when the regulator's report on that leak will be complete.

There were also bitumen leaks at the Primrose field in 2009. The regulator concluded those leaks were at least partially caused by high volumes and high pressures of steam.

Mike Hudema with Greenpeace Canada said it is "incredible" that CNRL is still allowed to continue its operations.

"If the Alberta government is serious about protecting Alberta's environment, it has to pull CNRL's approval for their Cold Lake operations," Hudema said in a release.

"How many more spills will it take before we see real action?"

FUNDING CUTS SPELL END OF OILSANDS PEATLANDS RESEARCH

(Source: Edmonton Journal) EDMONTON - The study of how oilsands pollution is affecting the massive peatlands in the northeast will come to an abrupt halt this spring as two scientists found out last week their funding has been cut.

In an unexpected move, the new federal-provincial Joint Oilsands Monitoring (JOSM) agency did not include wetlands (peatlands, bogs and muskeg) or groundwater in its monitoring plans — even though peatlands cover 40 per cent of the landscape in the northeast oilsands area.

Melanie Vile and Kelman Wieder, biology professors at Villanova University in Pennsylvania, have been working in the Fort McMurray area for years. Wieder said they were surprised and disappointed that peatlands are not included in JOSM's monitoring plans — especially given the importance of peatlands as an early indicator of pollution impacts.

"It does seem a little strange," said Wieder, who was expecting a renewal of their grant to follow up on their four-year study.

In the last four years, the scientists found evidence that the higher levels of nitrogen in the air from the oilsands plants and big trucks is having a negative impact on the bogs that will likely lead to more shrub growth and change the function of bogs, he said.

The peatlands' capacity to act as a carbon sink and absorb greenhouse gases is also being hampered by the pollution, he added.

Alberta Environment spokesperson Jason Maloney confirmed that JOSM's monitoring plan does not include wetlands, peatlands or groundwater.

But the provincial government will consider taking on those areas when it resumes sole responsibility for oilsands pollution monitoring after JOSM expires, said Maloney.

For the past four years, the Villanova team of scientists, one technician and ten students was funded by a grant from the Wood Buffalo Environment Association (WBEA), a Fort McMurray-based agency that since 1997 has monitored air pollution from oilsands plants and its impact on the landscape. Until this year, it was funded by oilsands companies that sit on its board.

The WBEA, previously run by stakeholders from the region, no longer has final say on its work plans or its how it spends its budget — that authority now lies with JOSM, executive director Kevin Percy confirmed in an interview this week.

Still, Percy was adamant that no final decision has been made on the peatland monitoring specifically.

"It's my understanding final decisions have not been made," Percy told the Journal.

Percy also said he's optimistic JOSM will consider adding wetlands in the future to its monitoring plans.

"Bogs are a pretty good early warning system for change; that's one reason WBEA started its work (with the Villanova team) in 2009," said Percy.

Wieder said WBEA's support was critical. "We've got a good system that works for monitoring, but not if nobody funds it," he added.

The team studied 20 bogs over a 500-kilometre area centred in the open pit mines to measure the impact of increased nitrogen and sulphur in the air near the mines.

"Our prediction is there will be greater shrub growth that will shade out the moss (which turns into peat) and there will be less abundance of berries" eaten by wildlife and people in the area.

"Full development of the oilsands will decrease the natural peatland sink by 12.5 per cent," said Weider.

Former Alberta deputy minister Brad Pickering was appointed earlier this month as CEO of the new Alberta Environmental Monitoring, Evaluating and Reporting Agency that will take over for JOSM in the next two years.

JOSM has a budget of \$50 million.

A second regional environment agency — the Cumulative Effects Management Association (CEMA) — that does scientific policy work, is also awaiting word on whether it will be funded.

ALBERTA LEADS IN DISTURBING NATURAL LANDSCAPE, SAYS STUDY ***Saskatchewan 2nd among larger provinces***

(Source: CBC/Canadian Press) Global Forest Watch has put together a national picture of how Canada's natural landscape has been disturbed by human access. (Canadian Press)

A national study suggests that Alberta has disturbed more natural landscape than any other province.

The analysis by Global Forest Watch adds that Wild Rose Country also has two of the three areas in Canada where the rate of disturbance is the highest.

"There were at least three major hotspots, two in Alberta," said report author Peter Lee.

The report combines government data, satellite imagery and cropland maps to look at human intrusions in the last decade into all major Canadian ecozones. Those disruptions included everything from roads to seismic lines to clearcuts to croplands.

"We took all the available credible data sets that we could find and combined them all," said Lee. "We ended up with what we believe is the best available map of human footprint across Canada."

Alberta leads in the amount of land disturbed at about 410,000 square kilometres. Almost two-thirds of the province — 62 per cent — has seen industrial or agricultural intrusion.

Saskatchewan, at 46 per cent, is second among the larger provinces. Quebec comes nearest in area with 347,000 square kilometres.

The Maritime provinces actually have the highest rate of disturbance. The human footprint in Prince Edward Island, New Brunswick and Nova Scotia is 94, 85 and 72 per cent respectively of each province's total area. But those provinces are so relatively small that the actual amount of disturbed land is dwarfed by totals elsewhere.

When Lee compared the current map to one developed about 10 years ago, he found two of three areas where the rate of development was highest were in Alberta as well — one was in the oilsands region; the other along the eastern slopes of the Rockies.

Alberta to set aside boreal forest section

The third area is in a heavily logged part of northern Quebec. New intrusion in northeastern British Columbia, where there is extensive energy development, is almost as heavy.

Lee said development in the three top zones is pushing into previously untouched land at the rate of five to 10 kilometres a year.

The report's calculations include a 500-metre buffer zone, which corresponds to the distance animals such as woodland caribou tend to keep between themselves and development.

Duncan MacDonnell of Alberta Environment said the government has plans to set aside about 20 per cent of the remaining boreal forest, which covers the northern third of the province.

That includes about 20,000 square kilometres in the oilsands region. MacDonnell said Alberta plans to eventually combine old and new protected areas to create the largest connected boreal conservation area in North America.

Those plans haven't been implemented and all are the subject of controversy with area aboriginals.

MacDonnell said the province is developing land-use plans for the entire province which are intended to balance pressures on the landscape.

Representatives from the federal government were not available for comment.

Lee notes his findings come at a time when Canadian and provincial policies on development are being increasingly scrutinized, whether they involve forestry, energy or agriculture. He said this sort of basic, common-sense data-gathering should be done by Ottawa.

"It's those sort of general questions that the person in the street asks," said Lee. "Where are all the disturbances in Canada? Where are the pristine areas?"

"This is a simple monitoring analysis that should be done and could very easily be done by the feds ... (but) they're not doing it."

ALBERTA WASTE TECHNOLOGY PROJECTS GET \$32-MILLION BOOST

(Source: Solid Waste and Recycling) Six innovative Alberta waste management and waste-to-energy projects have received nearly \$31.8-million in funding from an independent organization that battles greenhouse gas emissions in the oil-rich province.

The independent organization, Alberta-based Climate Change and Emissions Management Corporation (CCEMC), is funded through payments to an emissions fund that collects cash for each tonne that exceeds a company's emissions limits.

The most elaborate and expensive project of the six is the \$30.7-million Edmonton Waste Management Centre, which received \$10 million in CCEMC funding for its installation of high solids anaerobic digestion technology.

The facility will utilize micro-organisms to convert 40,000 tonnes per year of organic solid waste into biogas. Cumulative CO2 emissions will reduce 198,570 tonnes by 2020.

"By using the biogas to generate electricity and heat, we cancel out the production of the same amount of power from fossil fuel sources and their respective emissions," said Christian Felske, technical specialist at Waste Management Services, in a statement within the CCEMC's annual report for 2012-2013.

The other Alberta waste management project to receive \$10 million in funding from CCEMC is the Drayton Valley Aspen Integrated Resource Recovery (AIRR) Facility. This \$22-million project aims to take the Drayton area's residual municipal waste and convert it into solid fuel pellets – a process that hasn't been seen in our country. The fuel pellets will then be used as an alternative fuel source to fire Alberta coal plants.

The University of Calgary is getting \$1.3 million towards its optimal biocell technology project worth \$3.2 million. The decomposition of organic biomass in municipal solid waste landfills produces a potent biogas that results in significant amounts of methane and carbon dioxide emissions. But this project's biogas can be used to create clean, renewable power. The University is developing a project that will use an optimal biocell to maximize biogas

production and allow for the capture and use of the biogas to generate energy. It leaves only 30 per cent of the original mass for disposal.

A 100-year old potato farm is going high tech with its CCEMC injection of nearly \$3.6 million towards its waste-to-energy aspiration. GrowTEC will turn organic waste – including the farm's cull potatoes – into renewable energy to power the farm and feed energy back into the grid.

Lastly, CCEMC is contributing nearly \$2 million to Devon Canada's \$5.9-million Organic Rankine Cycle Waste Heat Recovery Project. The project works by using a turbine to harness low-grade waste heat from the glycol-cooling process in oil production. The turbine will use the waste heat to generate electricity for an estimated five to 10 per cent of the facility's power requirements, offsetting the requirement for grid electricity and reducing greenhouse gas emissions.

To read the complete CCEMC report for 2012-2013, [please click here](#).

REPORT URGES PROVINCE TO BLAZE TRAIL ON CONSERVATION

(Source: Edmonton Journal) EDMONTON - Homeowners could save up to 25 per cent on energy bills and greenhouse gas emissions would fall substantially if the province takes the lead on conservation programs, says a new report by an alliance of oil companies, Calgary and Edmonton, and other groups.

With greenhouse gas emissions rising far above provincial targets, new steps are needed that could also save homeowners up to \$430 million a year, said Jesse Row, the report's author and executive director of the Alberta Energy Efficiency Alliance.

Conservation programs for houses, small industry and commercial buildings should be funded by a share of the province's \$385-million-plus new technology fund currently used solely to develop new technology for carbon reduction in the energy industry.

"We'd like to see about one-third of the technology fund put into conservation measures and get some short-term emissions reductions," said Row.

An array of conservation measures across all sectors would reduce GHG emissions by up to 27 megatonnes each year by 2020 — halfway to the official goal of 50 megatonnes reduction annually. So far, the province has only reduced emissions by five megatonnes annually.

Under that scenario, consumers would achieve \$1.45 billion in net savings over six years if the best technology were adopted for new buildings, such as replacing auxiliary engines and putting better insulation in houses, says the report.

"We do need some government leadership. We are not capitalizing fully opportunities," said Row.

The technology fund, called the Climate Change and Emissions Management Fund and run by former oilsands executive Eric Newell, is funded by the \$15/tonne carbon levy that industry pays on GHG emissions above the 2005 intensity level.

The province would have to change the mandate of the CCEMF to allow diversion of cash to conservation programs, said Row.

"But the (fund management) should take a diversified approach. We are offering them an idea to get much greater emissions in the short term."

The immediate reductions in carbon emissions from conservation would also help the Alberta government live up to its goal of being a leader in responsible energy production, says the report which does not provide details in incentive programs.

"This is a good time to consider conservation when the province is also reviewing its greenhouse gas reduction strategy" and the \$15/tonne levy, said Row.

While in the past some people objected to putting tax dollars into conservation, the new technology fund gets its dollars from oil companies with excess emissions, said Row.

"We have this opportunity that no other province has," said Row, noting that Alberta is the only province with a levy on excess GHG emissions.

As well as the two big cities, the alliance membership includes the Pembina Institute, Suncor, Cenovus, Stantech and ConocoPhillips.

RESEARCH CUTBACKS BY GOVERNMENT ALARM SCIENTISTS

(Source: CBC News) Scientists across the country are expressing growing alarm that federal cutbacks to research programs monitoring areas that range from climate change and ocean habitats to public health will deprive Canadians of crucial information.

"What's important is the scale of the assault on knowledge, and on our ability to know about ourselves and to advance our understanding of our world," said James Turk, executive director of the Canadian Association of University Teachers.

In the past five years the federal government has dismissed more than 2,000 scientists, and hundreds of programs and world-renowned research facilities have lost their funding. Programs that monitored things such as smoke stack emissions, food inspections, oil spills, water quality and climate change have been drastically cut or shut down.

This week, scientists went public with concerns that irreplaceable science could be lost when Department of Fisheries and Oceans (DFO) libraries are closed. DFO plans to shut down seven of its 11 libraries by 2015. Already, stories have emerged about books and reports thrown into dumpsters and the general public being allowed to rummage through bookshelves.

The government responded that the information will not disappear. On Monday, DFO told CBC News that "all of its copyrighted material has been digitized and that the rest of its collection will be soon."

"Users will continue to have completely free access to every item in DFO's collections. All materials for which DFO has copyright will be preserved by the department," Fisheries Minister Gail Shea wrote in a statement to CBC.

But Turk says the problem is not just the loss of existing library collections.

"It also means that going forward, whether it be policy analysts or scientists or members of the public, there won't be a library there that collects material for them to use. So there's not only the danger of losing what we've had, which may be irreplaceable, but it's also in future, that resource isn't going to be there in the first place."

Informed decisions

The fifth estate requested interviews with two senior bureaucrats and four cabinet ministers with responsibility for resources, the environment and science. All of those requests were denied.

On Tuesday, the fifth estate received a statement from the office of Greg Rickford, Minister of State for Science and Technology, and the Federal Economic Development Initiative for Northern Ontario.

"Our government has made record investments in science," it stated. "We are working to strengthen partnerships to get more ideas from the lab to the marketplace and increase our wealth of knowledge. Research is vibrant and flourishing right across the country."

Members of the scientific community disagree. CBC's the fifth estate spoke to scientists across the country who are concerned that Canadians will suffer if their elected leaders have to make policy decisions without the benefit of independent, fact-based science.

“Canadians are going to have their government have to make policies based on much less fact and data and information, it’s going to be more ideologically driven,” Turk said.

“It means that individuals who want information, that information is simply not going to be there because they [government librarians] don’t collect it anymore, or where it is collected, the libraries are closed or the accessibility to them is reduced.”

Peter Ross, Canada’s only marine mammal toxicologist, spent 15 years studying the increasing levels of toxins in oceans and in animals like the killer whale. But in the spring of 2012, the federal government closed the Department of Fisheries contaminants program, dismissing Ross and 55 of his colleagues across the country.

“What we have done in Canada is turn off the radar,” Ross told the fifth estate’s Linden MacIntyre. “We are flying along in an airplane, and we’ve put curtains over the windshield of those pilots, of that flight-crew, and we’ve turned off the instruments. We don’t know what is coming tomorrow, let alone next year in terms of some of these potentially catastrophic incidents in our oceans.”

Similar concerns led to demonstrations in 17 cities across Canada in September 2013, with protesters calling for the federal government to stop cuts to research programs, and relax rules that many government scientists said hampered them from telling the public about their research.

It is the lack of climate change research and monitoring in the High Arctic that worries Tom Duck. He is a professor of Atmospheric Science at Dalhousie University, who helped found the world-renowned Polar Environment Atmospheric Research Laboratory, or PEARL.

Located just 1,000 kilometres from the North Pole, the research station was a one-of-a-kind facility that provided scientific data on ozone depletion and climate change for scientists around the world. Then in 2012, its budget was drastically cut. Duck had to stop his research, and most of his colleagues left the country to find other work.

Duck fears that the Harper government’s pursuit of valuable oil and gas resources in the Arctic, as they become increasingly accessible due to climate change, led to the cuts at PEARL.

“We know that climate change is an enormous problem. It is the problem for the next century, so if you want to get out your oil, you have to get it out now,” he told the fifth estate. “If you want to get it out now, you make sure the scientists aren’t causing any problems. If you want to make sure the scientists aren’t causing any problems, you take away all their funding.”

In May 2013, PEARL received a new grant from the federal government, pledging \$5 million over five years so that the facility could resume its operations. But it wasn’t enough to save Duck’s research - his lab in Halifax where scientists processed data from the Arctic station is now closed, and his research group has left.

Science vs. economics

Resource development in the oil sands of Alberta has also turned a number of Canadian scientists into critics of the Harper government, raising alarms about the long-term environmental and health consequences of oil extraction.

Before he retired in the fall of 2013, for example, David Schindler was a professor of ecology at the University of Alberta, where his research raised concerns about pollution from the oil sands. His research team found that the resource project was contaminating the Athabasca watershed, and many fish living there were developing deformities. When his findings were published in the Proceedings of the National Academy of Sciences, Schindler was criticized by both the Alberta and federal governments.

Now he’s become an outspoken critic of a government ideology that he says is putting economic development ahead of all other policy objectives.

“It’s like they don’t want to hear about science anymore,” he said. “They want politics to reflect economics 100 per cent - economics being only what you can sell, not what you can save.”

But Peter Phillips, a specialist in public policy and science at the University of Saskatchewan, argues cuts to federal programs and institutes do not necessarily mean that science has been decimated, but rather that excessive regulation has been reduced.

"I think what's happened is there's been a rebalancing. To some people that's gutting, because it changes the balance of power in these processes," he said. "For those who do not want to see certain types of development, it will be gutting. But for people who are expecting appropriate oversight of new developments, but want to see socially responsible development emerge - some people may see that as a positive."

WEST VIRGINIA SPILL EXPOSES DISTURBING LACK OF DATA ABOUT HAZARDOUS CHEMICALS

(Source: Huffington Post) The 300,000 residents of nine West Virginia counties affected by last Thursday's chemical spill are [slowly starting to get notice](#) that they can turn on their taps again. But many are still wondering why they didn't have more information about the potential dangers in their own backyard.

As much as 7,500 gallons of 4-methylcyclohexane methanol (also known as crude MCHM) [spilled into the Elk River](#) about a mile and a half upstream from where the West Virginia American Water utility draws its supply. The coal-cleaning chemical came from a storage facility owned by Freedom Industries and located in Charleston, the state capital.

Angie Rosser, executive director of the West Virginia Rivers Coalition, lives along the Elk River upstream from the spill. Even though she works on environmental issues and drives by the storage facility regularly, she said she had no idea that the tanks held chemicals. "They just look old and rusty," Rosser told The Huffington Post. "I just couldn't have imagined. If I knew, our organization certainly would have raised questions about this."

"But we are in the same boat as the rest of the public, the water company and apparently our governor," Rosser said. "No one seemed to be aware or care that this dangerous chemical was upstream from our largest drinking water intake in the state. It was a recipe for disaster."

That seems to be the resounding complaint in West Virginia: No one knew. The chemicals were [disclosed in a filing](#) to the state last year, reporting that the facility could hold anywhere between 11.4 million and 63.5 million pounds of 10 different chemicals on a given day, including up to 1 million pounds of MCHM. The forms were filed in compliance with the Emergency Planning and Community Right-to-Know Act, a 1986 federal law designed to make sure plans are in place in case of an accident. MCHM was listed on the Tier II reporting form as a "hazardous" material [under the Environmental Protection Agency's classification system](#). But there doesn't seem to have been a plan in place in case of an accident, as the [Charleston Gazette has reported](#), and the public didn't know the chemicals were there.

West Virginia lies in the heart of coal country, which means MCHM is likely kept in not insignificant quantities at storage and preparation facilities across the state. Moreover, after the chemical is used to wash the coal, the tainted wastewater is often injected into old mines or stored in above-ground impoundments.

Yet finding out where else such chemicals are stored in the state is difficult, environmental advocates say. The forms disclosing the chemicals are filed with the West Virginia Department of Military Affairs and Public Safety. Communications director Lawrence Messina said the department keeps the past five years of filings, but most of them are on paper -- because most of the roughly 9,500 facilities in the state that file these reports still turn them in that way. Electronic filing has only recently become an option, and the department itself does not offer a publicly available online database. Individuals can request a filing for a particular facility, presuming they know of its existence, and county emergency planners keep copies of the filings for their local sites. So some information exists, but there's no easy way to search it by location or chemical.

Coal field activists warn that while the spill in Charleston is a big deal, many in the state could potentially be exposed to the chemical on a daily basis. "It's a big emergency here based on the fact that 300,000 people's water source was polluted, but the story here is that coal companies use this chemical and other chemicals in West Virginia every day," said Bill Price, a West Virginia-based organizer with the Sierra Club's Beyond Coal campaign.

West Virginia Gov. Earl Ray Tomblin (D) tried to put some distance between the coal industry and the spill. "This was not a coal company incident," [Tomblin said](#). "This was a chemical company incident."

But Price said that's not much of a distinction. "Let's be honest, the reason it was stored in Charleston is its proximity to coal-producing areas," said Price. And he added, "We don't know where else this chemical may be stored."

Safety concerns related to MCHM and other chemicals used by the coal industry have been raised before. Residents in several parts of the state have filed lawsuits regarding the underground disposal of coal slurry, which can contain MCHM and [a number of other chemicals](#). Plaintiffs from Mingo County [reached a settlement](#) with Massey Energy in July 2011 after alleging that [1.4 billion gallons of coal slurry had contaminated their groundwater](#). More than 350 residents of Boone County [reached a settlement](#) over coal slurry contamination claims in June 2012.

Jack Spadaro, a former superintendent of the [National Mine Health and Safety Academy](#) (a program of the U.S. Department of Labor), testified as an expert witness for the plaintiffs in both those cases. He said that the use of MCHM is fairly common in the state. "It's used in virtually every coal preparation plant in the coal fields, this chemical or something like it," he said.

Concerns about potentially tainted groundwater prompted the state to [put a moratorium on new underground slurry injection sites](#) in 2009, though underground injection is still allowed at sites that already had permits.

And the problem is not confined to MCHM. Finding out how many major chemical facilities there are and the quantities of any chemicals they store is hard, said Maya Nye, spokesperson for the citizen group People Concerned About Chemical Safety.

Nye has advocated for tougher chemical oversight and transparency rules in the state for years, following two previous incidents: an August 2008 explosion at a Bayer CropScience plant that killed two workers and a January 2010 toxic release at a DuPont facility that killed one person. But the state failed to put in place tougher rules, even after the U.S. Chemical Safety Board recommended them, [the Gazette reported](#).

To find out how many chemical facilities with "extremely hazardous" substances -- that is, those deemed more dangerous than the merely "hazardous" MCHM -- were located in her area, Nye had to go to the EPA's reading room in Washington, D.C., and take handwritten notes on all the risk management plans filed for the region. Photocopying and photographs were not allowed.

Many of the area facilities that reported extremely hazardous chemicals "were not on my radar," said Nye. Even for the ones that were, she was surprised by the volumes stored on site. "I was not aware of the amount of danger we were in," she said.

The two previous chemical incidents did not, however, lead to changes in state laws regarding chemical safety and public reporting. "I don't think there's any major political interest in trying to more heavily regulate the coal or the chemical industry in our state, because they are huge economic engines," said Nye.

Maybe the latest MCHM spill will prompt reforms.

"The fact that 300,000 people are exposed means that someone is probably going to be willing to champion it now," said Nye. "I don't want to have to wait for disaster to occur to get on top of things, but that seems like that's the only way we deal with things in this state or this country."

ESAA Member News

HEMMERA PROVIDES EXPERTISE TO THE LARGEST MINING REMEDIATION PROJECTS IN THE YUKON
Vancouver, BC – January 10, 2014 – Hemmera's northern office is earning its reputation as a leading environmental consultancy by working on two of the largest mine remediation projects currently underway in the Yukon.

Hemmera is providing socio-economic effects assessment services for Mount Nansen Mine and Faro Mine. The objective is to move these projects through Yukon assessment processes and allow the government to take measures to decrease on-site risks and liabilities.

At the Mount Nansen Mine, the remediation work is focused on managing water quality and stabilizing infrastructure containing cyanide and metals-laden tailings. Hemmera is examining the potential socio-economic effects associated with the planned remediation of the site. First Nations and community priorities are central to remediation planning and will play an important role in the effective assessment and regulation of this project.

At the Faro Mine Complex, Hemmera will design and deliver socio-economic effects assessment in support of Interim Works at the mine site. This is a large and complicated site including three pits, approximately 376 million tonnes of waste rock, and 55 million tonnes of tailings. It is predicted that the site will require a century of remediation activities at a cost of over \$500 million.

"I am excited about the experience and talent Hemmera brings to our Yukon clients," says Michael Muller, Director, Northern Projects. "Hemmera is building a solid reputation of providing leading technical excellence for environmental projects in and around Yukon, which will benefit our clients, partners, Yukon First Nations, and local communities."

Hemmera is a Canadian boutique environmental consultancy that has been making a difference across Canada and around the globe since 1994. The firm's highly respected, multi-disciplinary professionals are leaders in environmental and social sciences and engineering; they know the regulatory environment and understand business implications. Hemmera provides quality services to industry, First Nations, and government. Hemmera's northern office is located in Whitehorse, Yukon, and is supported by multi-disciplinary teams in offices in British Columbia, Alberta, and Ontario.

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Bryan Watts, CEO and Chairman of the Board of Klohn Crippen Berger Ltd., is pleased to announce the following appointments.



Len Murray P. Eng. - President

Len Murray has fulfilled senior roles with Klohn Crippen Berger (KCB) for many years and most recently held the position of VP, Mining Environmental Group (MEG). Under his leadership, the MEG group has shown steady growth with offices now located throughout Canada, Australia, the United Kingdom and Peru managing major projects in over 20 countries. Len has a strong business background complemented by over 30 years of civil/geotechnical environmental engineering experience and brings a global business perspective to the role of President.



Howard Plewes P. Eng. - VP, Mining Environmental Group

Howard Plewes has been with KCB for over 20 years and has held leadership positions in Canada and South America. Howard moves from the role of Regional Manager, Vancouver MEG to Vice President overseeing the group's Canadian and South American operations. Howard has extensive experience in all the current and expanding MEG markets and has a high reputation with our clients and peers for excellence in design. He has a proven and broad range of business management experience and extensive knowledge of the KCB organization.



Chris Dickinson RPGeo - VP, Australasia

Chris Dickinson held the role of Regional Manager, Australia since 2004. Over the last decade, Chris has steered the growth of the Australian operations through his strong reputation in industry and excellent business skills. Because of the success of Chris and his team, the Australian operations have grown from a small satellite office to a large self-sustaining group working out of offices in Brisbane and Perth, currently serving clients in Australia, Indonesia, Papua New Guinea, Fiji, Philippines and Mongolia.

New ESAA Member

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

Associate Member:

Connacher Oil & Gas

Suite 900, 332 – 6th Avenue SW

Calgary, AB T2P 0B2

Phone: (403) 536-4710

Fax: (403) 538-6225

Web: www.connacheroil.com

Jason Wilshusen, Senior Environment Coordinator

e-mail: jwilshusen@connacheroil.com

Upcoming Events

LAND USE 2014 CONFERENCE

"Alberta Land Institute's (ALI's) inaugural two-day conference, Land Use 2014, will bring together policy and research communities from Alberta, Canada, and around the world to create a meaningful opportunity to connect and discuss complex land-use issues and solutions. Delegates are invited to join speakers, subject matter experts, private and non-profit organizations, and members of government, in what is poised to become the premier event in western Canada on land-use research, planning and policy. ALI has developed a format that we hope will encourage innovative thinking for the province, as well as provide opportunities for discussion between policy and academic groups. Land Use 2014 will showcase three policy streams that include expert speakers, including David Miller, President and CEO of WWF-Canada:

- 1) Urbanization and Loss of Agricultural Land
- 2) What Makes Wetland Policy Effective
- 3) If It Pays, It Stays: Paying for Ecosystem Services on Private Land

Land Use 2014 - May 7 & 8, 2014, at the Westin Hotel in Edmonton, AB.

For more information, please visit www.landuse2014.ca or e-mail albertalandinstitute@ualberta.ca."

2014 ASPB CONFERENCE – ENDANGERED REGULATORY BODIES

Recent changes in federal and provincial legislation have led to new assessment requirements and additional areas and species which require protection, along with corresponding uncertainties for biologists, government agencies and industry in Alberta. The conference will describe recent challenges and new approaches to dealing with and managing changes in regulatory acts. Attendees interested or directly involved in field biology, environmental assessment and monitoring or management of the natural environment will have a forum to discuss current issues and challenges in Alberta. For more information visit: <http://www.aspb.ab.ca/conference>

CANADIAN ENVIRONMENTAL ASSESSMENT ACT 2012 -AN OVERVIEW

Monday, June 4, 2013

7:30 am - 9:30 am

Location TBD

7:30 - 8:00 am. Registration and Breakfast
8:00 - 9:00 am Presentation
9:00 - 9:30 am. Questions and networking

\$40 Members
\$60 Non-members

Abstract and Presenter Bios:

Abstract:

This session will provide an overview of the Canadian Environmental Assessment Act, 2012 (the Act) and its regulations, and will highlight what proponents and consultants need to consider early-on in the project planning phase. It also introduces the environmental assessment (EA) process and requirements applying to projects for which the Canadian Environmental Assessment Agency (the Agency) is the responsible authority. This session is a high-level summary of the Agency's 1-day course titled "Introduction to the Canadian Environmental Assessment Act, 2012", and will answer the following questions:

- Does CEAA 2012 apply to my development proposal?
- What are the timelines associated with the federal environmental assessment process?
- If Manitoba's Environment Act applies to my proposal, do I need to do two assessments?
- How does Aboriginal consultation fit into the EA process?

Presenters:

Kristina Farmer

Kristina Farmer is a Section Leader with the Canadian Environmental Assessment Agency (CEAA). She has been responsible for the management of environmental assessments under the Canadian Environmental Assessment Act for major resource development projects proposed in Saskatchewan and Manitoba. In addition to timely delivery of federal environmental assessment, a major component of the Kristina's work has included managing Crown consultations with Aboriginal groups potentially impacted by project proposals.

Kristina joined CEAA after several years of experience with an engineering consulting firm where she worked on environmental assessment, environmental site assessment and ecological and human health risk assessment for contaminated sites. She has administered the federal environmental assessment process for many development proposals in Manitoba and Saskatchewan, including hydroelectric generating stations, major highway developments, water diversion projects, and mining proposals.

Kristina studied at the University of Manitoba, graduating with a B.Sc. (Environmental Science) and a M.Sc. (Soil Science).

Wendy Botkin:

Wendy Botkin is a Project Manager with extensive history at the Canadian Environmental Assessment Agency (CEAA). She has coordinated participation in key phases of federal and multi-jurisdictional environmental assessments of major resource projects in Manitoba and Saskatchewan, under the authority of the Canadian Environmental Assessment Act. A key component of Wendy's most recent work has been in integrating Aboriginal Crown consultation into the environmental assessment decision-making process.

In addition to her work with CEAA, Wendy also has many years of experience with Environment Canada, beginning with data collection and organization in water quality issues in the Northern Flood Agreement communities, toxics regulation and enforcement, and with coordination of the department's technical reviews of environmental assessment. She has also coordinated Parks Canada Agency's participation in mining and transmission projects in the Northwest Territories, under the authority of the Mackenzie Valley Resource Act. Finally, Wendy has a keen interest in facilitating training and development, and designed and delivered training for CEAA, and for three years, taught the Environmental Assessment course at the University of Manitoba.

Wendy studied at the University of Winnipeg (B.Sc. chemistry), Canadian Theological Seminary (now Ambrose University, M.C.S), and at the University of Manitoba (Certificate in Adult and Continuing Education).

To register: call the MEIA office at [204-783-7090](tel:204-783-7090) or click <http://meia.mb.ca/eventinfo.php?id=60>

CLRA EDMONTON LUNCH & LEARN
Thursday, January 30, 2014
Royal Glenora Club

REGISTRATION DEADLINE IS JANUARY 20th

Beneficial Use of Organic Residuals in Reclamation and Marginal Land Improvement Projects in Western Canada
Mark Teshima, MSC, PChem, Sylvis

Land disturbed by industrial activities and marginally productive land in general are often characterized by soils that lack the chemical and physical characteristics to support vegetation required to sufficiently achieve desired end use targets. Organic residuals including municipal wastewater biosolids and pulp and paper residuals can be utilized as fertilizers or soil amendments as a cost-effective tool to augment standard reclamation and land management practices to support achieving land use objectives. This presentation provides an overview of some of the residuals beneficially used in reclamation and land improvement projects, and case studies from Alberta and British Columbia that demonstrate their use.

For more information visit: www.clra.ca

SITES & SPILLS
CONFERENCE
Site Remediation & HazMat Management
sitesandspills.com
February 19 – 20, 2014
International Centre, 6900 Airport Rd.
Toronto, Ontario, Canada

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We look forward to seeing you there!

Presented By
HazMat
MANAGEMENT

The advertisement features a collage of images related to site remediation and hazardous material management, including a yellow excavator, a person in a red hazmat suit, a body of water, and two people in full red hazmat suits.

REMEDIATION AND PREVENTION CONFERENCE
February 25, 2014
VICTORIA INN WINNIPEG
1808 Wellington Avenue Winnipeg, MB

Plans for this year's conference are underway. We will be exploring the legal and financial aspects of remediation action, to include speaker presentations from MEIA member companies, Fillmore Riley, LLP and Thompson, Dorfman, Sweetman, LLP among the presenters.

Concurrent sessions will focus on phyto and bio remediation, as well as sustainable waste management. On the agenda will be speakers from MEIA member companies, AMEC and AECOM. Many other speakers to be confirmed.

We welcome delegates and speakers from the Netherlands to share their knowledge and expertise.

REGISTRATION FEES

Members: \$350.00 Non-Members: \$450.00 Student Members: \$50.00 Student Non-Members: \$75.00

For more information visit: <http://www.meia.mb.ca/eventinfo.php?id=71>

Industry Positions Openings

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



Intermediate/Senior Environmental Scientist/Engineer Regina, SK

SLR is an environmental consultancy that specializes in the energy, mining & minerals, waste management, planning & development, infrastructure and industrial sectors. SLR is one of a very small number of truly international specialist environmental consultancies.

As an employee controlled company, in which many of our staff have a share, SLR offers rewarding careers to all of its staff and values and rewards customer care and commitment as well as technical expertise. SLR provides a healthy and dynamic work environment, challenging career opportunities and competitive compensation and benefit packages.

For more information, please visit <http://www.slrconsulting.com>.

ROLE:

SLR has an immediate requirement for a highly motivated individual with excellent technical, client service and people skills to join our operations in Regina, SK.

RESPONSIBILITIES:

- Provide leadership including mentorship of team members
- Management of complex contaminated sites projects, including preparation and review of technical reports
- Liaison with clients, subcontractors and regulatory agencies
- Development of budgets and financial acumen ensuring that projects are delivered on time and on budget

TECHNICAL SKILLS / ABILITIES / EXPERIENCE:

- The successful candidate will have a minimum of 5 years experience in contaminated sites and remediation work and possess strong project management, written, leadership, organizational, technical and communication skills
- Experience with high levels of client service and working with a team
- Superior communication, interpersonal and writing skills
- Additional experience in hydrogeology, reclamation or ecology is an asset

EDUCATION / QUALIFICATIONS / MEMBERSHIPS:

- Technical Diploma, Undergraduate and/or Graduate Degree in related field of expertise
- Professional registration with APEGS, P.Eng, P.Ag or P.Geo

To apply for this position, please submit your resume (with job title and office location in the subject line) to **Human Resources** at canadacareers@slrconsulting.com.

We thank all those who apply, however, only selected candidates will be contacted for interviews.

SLR Consulting is an equal opportunities employer. For details of our equal opportunities policy please contact a member of our HR team on the above email address.



McElhanney

Intermediate Environmental Engineer or Scientist Victoria, BC

McElhanney Consulting Services Ltd. seeks an **Intermediate Environmental Engineer or Scientist** to join our quickly growing corporate environmental team, with this position located in our Victoria office.

JOB DUTIES:

- Provide project management and design for contaminated site assessment and remediation projects from proposal stage through completion
- Conduct environmental studies from proposal preparation through data collection, interpretation, approvals, and reporting
- Capitalize on project opportunities and develop new business
- Liaise and develop strategic relationships with key clients, agency representatives and partners
- Prepare and submit superior proposals and technical reports
- Support environmental team planning and marketing initiatives

JOB REQUIREMENTS:

- Degree in engineering or sciences from an accredited institution
- Professional registration in good standing in British Columbia, or eligibility to be registered
- Ability to work independently and with integrated consulting teams
- Sound business development and client liaison skills and a keen entrepreneurial spirit, with excellent written and verbal communication skills
- High productivity, attention to detail, and an ability to work well in a team environment are essential
- Valid BC driver's license, willingness to travel for project work

DESIRED EXPERIENCE BASE:

- 5- 10 years' relevant work experience, or a relevant combination of education and experience
- Experience with BC contaminated site regulations, Alberta / Saskatchewan experience would also be assets
- Experience liaising with government agencies and with licensing and approvals
- Previous consulting experience

This position is designated as [safety sensitive](#).

To be considered for this opportunity, submit your resume and cover letter online at www.mcelhanney.com/careers. We thank all applicants for their interest; however, only shortlisted candidates will be contacted.

McElhanney Consulting Services Ltd. is a Canadian company offering outstanding engineering, mapping, surveying, planning and environmental services to its clients. At McElhanney, you are working within a strong team that is well established in the local industry. Our employees love working here because of our varied projects, high levels of autonomy, opportunities for career development, and the opportunity to travel to exciting projects in Western Canada. Established in 1910, McElhanney is a stable and secure employee-owned company. McElhanney offers an excellent total compensation and benefits package, as well as a great team of professionals to work with and continuous opportunity for development.



BUSINESS DEVELOPMENT MANAGER (CANADA)

A member of the Washington Companies, Envirocon was founded in 1988 to serve the growing demand for environmental clean-up and has since developed a business approach focused on innovation, best practices, and long-term client relationships. Envirocon is known as a leader providing high quality remediation, demolition, sediment remediation, environmental construction and geotechnical services to private and public clients across the United States and Canada. Envirocon was structured to fulfill a market need for remedial construction services based on scientific and self-performance capabilities. Envirocon's steady growth, based on consistent high-quality service, is evidenced by objective measures including revenue; size and complexity of our projects and the number and credentials of personnel.

Envirocon is seeking a Business Development Manager who will be responsible for developing and executing strategies and initiatives to secure major industrial and commercial clients for the company's environmental services, specifically in the oil and gas sector. Reporting to the Director, Strategy & Business Development, you will evaluate strategic opportunities and leverage Envirocon's service lines and regional capabilities to proactively develop sales opportunities, proposals and close identified opportunities. In addition to sales development, you will manage client and strategic partner relationships, and carry out market research to remain abreast of overall business trends within the market.

The ideal candidate will be a proven sales leader with a minimum of 5-10 years' direct sales experience in a relevant field (environmental, industrial, and/or construction/engineering). You have a professional presence and experience developing enterprise-wide relationships with key decision makers and clients at project sites and client offices across seniority levels. Results driven, with strong business acumen and analytical skills, you have a sound understanding of the oil and gas sector and prospective clients' environmental and demolition needs. You are an exceptional communicator with a straightforward style, and a relationship builder, both internally and with clients. The ability to take initiative and to work independently, excellent organizational skills and well-developed, communication skills will be required for success in this role.

A University degree in a related discipline (Business, Engineering, Technical, etc.) will be preferred. An equivalent combination of education and/or experience may be considered. Location is open to Edmonton, Calgary or Vancouver and you must be willing to travel as required.

If you are interested in this exciting role with an industry leader, please submit your background, in confidence online (<http://careers.wmc.ca>). For more information, please contact Lynn Armstrong at Western Management Consultants at (604) 687 0391.



Senior Remediation Specialist

For decades, CH2M HILL has been a global leader in engineering, consulting, design, program management, construction and operations, working on the most challenging and impactful projects around the world. Through these challenging projects, we develop our people — who transform complex and creative ideas into reality, every day. Join us and together we can work to build a sustainable world. We support you to reach your greatest career goals through continued professional development, a positive work life balance and undeniably cool engineering projects. Join employee-owned CH2M

HILL and discover why our diverse team has been consistently ranked as one of the leading employers and repeatedly recognized as a best place to work in the U.S.

Environmental Jobs at CH2M HILL

Today, the importance of environmental stewardship is unprecedented. As businesses go "Green" and society becomes more proactive, your role in CH2M HILL's Environmental Group provides opportunities to participate in projects that will protect the Earth's natural resources. We help our clients in both government and industry markets safeguard and restore natural resources as cost-effectively as possible. Overall it is a monumental task, but with each day, we have the opportunity to limit our footprint. Ready? Let's Get to Work.

This position requires **15+ years** relevant experience, and will support environmental investigation and remediation projects; including the delivery of all related components such as site characterization, regulatory interpretation, feasibility studies, and remedial design. Experience in investigating historical releases at large industrial facilities, in a variety of media: soil, sewers, groundwater, air, and surface water. Knowledge of chemical properties, fate and transport, as well as conceptual site model development very pertinent.

****Ideally we are seeking the preferred candidate to reside in our Toronto office. However, we are open to other locations within Canada (Calgary, Edmonton, Vancouver).**

Responsibilities

- Develop and conduct the remedial investigations, develop feasibility studies, risk management plans, rough order of magnitude cost estimates, and conceptual designs for treatment facilities and remedial systems
- Provide strategic planning for programs and projects and technical expertise in negotiating remedial actions and site closures with regulatory agencies
- Lead hazardous waste investigation and remediation studies
- Participation in Business Development activities is also required
- Lead discussions with regulators on behalf of clients

Qualifications:

- Proven skill in characterization investigation planning, development of conceptual site models
- Proven technical capabilities in environmental remediation projects
- Familiarity with regulations and guidance on site remediation and demonstrated ability to incorporate that knowledge into remedy planning and negotiation with regulatory agencies.
- Ability to lead staff/groups through strong communication and team building
- BS Degree in Civil, Environmental or related Engineering Degree
- P.Eng / P Geo License

At CH2M HILL, the greatest challenges provide the biggest rewards. Each day, your drive and creative ideas will be providing solutions that help build a better tomorrow. Whether it is the pride that comes with accomplishment, personal growth or making a difference in the world, you will discover true success in a career that brings out the best in you at CH2M HILL. Ready? Let's get to work.

Developing People through Challenging Projects - CH2M HILL is an Equal Opportunity Employer.

REGIONAL MANAGER, ENVIRONMENTAL SERVICES PUBLIC WORKS AND GOVERNMENT SERVICES CANADA

Location: Vancouver, British Columbia

Public Works and Government Services Canada (PWGSC) is looking for a regional manager for its Environmental Services Group in the Pacific Regional Office. The ideal candidate will be someone who has, within the last six years, had experience in leading, planning, developing, implementing and managing environmental programs of work, including management responsibilities related to human and financial resources. He or she will also have experience in developing environmental management partnerships or programs with stakeholders, such as government departments, regulatory agencies and service providers, and in establishing business priorities, plans, practices and performance standards and frameworks. The successful candidate will be able to communicate effectively and will demonstrate strong leadership and client service skills.

The annual salary for this position ranges from \$97,867 to \$111,347. The employer also offers its employees excellent benefit packages (including medical and dental), a pension plan, as well as continuous learning and career development opportunities.

The Public Service of Canada is committed to building a skilled and diverse workforce reflective of Canadian society. As a result, it promotes employment equity and encourages candidates to voluntarily indicate on their application if they are a woman, [an Aboriginal person, a person with a disability or a member of a visible minority group](#). PWGSC has been recognized as one of Canada's Top Diversity Employers by The Globe and Mail.

To apply, submit your application through the website of the Public Service Commission of Canada at <http://jobs-emplois.gc.ca>. Only applications submitted via the website will be considered.

The closing date for applications is **January 22, 2014**.

The process number is **2013-SVC-EA-PAC-93601**.

The reference number is **SVC13J-007605-000502**.

FOR ADVICE ON HOW TO SUBMIT YOUR APPLICATION, PLEASE CONSULT THE FOLLOWING ADDRESS: [HTTP://WWW.TPSGC-PWGSC.GC.CA/CARRIERES-CAREERS](http://www.tpsgc-pwgsc.gc.ca/carrieres-careers), OR CALL INFOTEL AT 1-800-645-5605.

Gestionnaire régional/régionale, Services environnementaux Travaux publics et Services gouvernementaux Canada

Lieu de travail : Vancouver (Colombie-Britannique)

Travaux publics et Services gouvernementaux Canada (TPSGC) est à la recherche d'un gestionnaire régional ou d'une gestionnaire régionale pour le groupe des Services environnementaux du bureau régional du Pacifique. La personne idéale possède de l'expérience, acquise au cours des six dernières années, de la direction, de la planification, de l'élaboration, de la mise en œuvre et de la gestion de programmes de travail en environnement, y compris des responsabilités en gestion des ressources humaines et des ressources financières. Il ou elle aura également de l'expérience de l'établissement de partenariats ou de programmes en gestion environnementale avec des intervenants, tels que des ministères, des organismes de réglementation et des fournisseurs de service, de même que de l'expérience de l'établissement et de la réalisation de priorités opérationnelles, de plans, de pratiques et de normes ainsi que de cadres de rendement. La personne retenue sera apte à communiquer efficacement et fera preuve de solides compétences en leadership de même que d'un souci du service à la clientèle.

L'échelle salariale du poste est de 97 867 \$ à 111 347 \$ par année. L'employeur offre également à ses employés d'excellents avantages sociaux (assurance-maladie et assurance dentaire), un régime de pensions de même que des possibilités d'apprentissage continu et de perfectionnement professionnel.

La fonction publique du Canada s'est engagée à se doter d'un effectif compétent et diversifié qui est représentatif de la société canadienne. Par conséquent, il favorise l'équité en matière d'emploi et encourage les candidats et candidates à indiquer volontairement sur leur demande d'emploi s'ils sont une femme, une personne autochtone, une personne handicapée ou un membre d'une minorité visible. TPSGC a été reconnu comme l'un des meilleurs employeurs au Canada au chapitre de la diversité par le quotidien The Globe and Mail.

Pour postuler, envoyez votre demande d'emploi par l'entremise du site Internet de la Commission de la fonction publique du Canada, à <http://jobs-emplois.gc.ca>. Seules les candidatures reçues par le site Internet seront prises en compte.

La date limite pour la présentation des candidatures est **le 22 janvier 2014**.

Numéro du processus : **2013-SVC-EA-PAC-93601**

Numéro de référence : **SVC13J-007605-000502**

POUR OBTENIR DES CONSEILS SUR LA FAÇON DE POSER VOTRE CANDIDATURE, CONSULTEZ L'ADRESSE SUIVANTE : [HTTP://WWW.TPSGC-PWGSC.GC.CA/CARRIERES-CAREERS](http://www.tpsgc-pwgsc.gc.ca/carrieres-careers), OU COMMUNIQUEZ AVEC INFOTEL AU 1-800-645-5605.



Decommissioning Consultant

JSK Consulting Ltd. is currently seeking an Decommissioning Consultant to manage pipeline abandonment and decommissioning projects in the field. The successful candidate will be responsible for performing the following duties:

- Initial site inspections, procedure and scope development;
- Project estimating, scheduling and planning;
- Procedure planning and execution;
- Co-ordination of project with Program Manager;
- Site Safety Management including planning and execution of all procedures;
- Responsible for the planning and implementation of Environmental Controls;
- Allocation of work to sub-contractors;
- Cost tracking and progress reporting to the Program Manager;
- Quality Control and Quality Assurance data inspection and drawing control;

Qualifications for this full time, permanent position include:

- A minimum of 5 years experience working within the Oil and Gas Upstream Industry in the Decommissioning, Production/Operation or Construction Sectors, where the incumbent has been responsible for the direct management of a project on a site by site basis;
- Post-Secondary Technology Diploma or Certificate in a related discipline such as: Petroleum Engineering, Power and Process Operating Certificate. Successful completion of additional industry related diplomas, certificate and apprenticeship programs will be considered.
- Excellent communication, writing, organization and computer skills;
- Understanding of Piping Codes and Acts (i.e. Z662, ABSA & B31.3) is considered an asset;
- Working knowledge of Welding and X-Ray Inspection.

JSK offers a competitive benefit package, a company sponsored RRSP contribution program and all required training. A valid driver's license and a clean driver's abstract are required for employment. Compensation will be based on candidate's experience. Please send your resume to sthygesen@jskconsulting.ca

Remediation Coordinator - ConocoPhillips

Company Overview

ConocoPhillips is the world's largest independent upstream energy company, based on proved reserves and production of liquids and natural gas. Headquartered in Houston, Texas, the company had operations in almost 30 countries and approximately 16,700 employees as of May 1, 2012, with 2011 average production of 1.62 million BOE per day and proved reserves of 8.4 billion BOE as of Dec. 31, 2011.

ConocoPhillips Canada (CPC) is one of the country's largest oil and natural gas production and exploration companies. Headquartered in Calgary, Alberta, we are a leading producer of natural gas and liquids, with a world-class portfolio of assets in Western Canada, the Arctic, Atlantic Canada and oil sands interests near Fort McMurray, Alberta. We are the largest leaseholder in the Athabasca region of the oil sands. With about one million net acres in holdings, CPC is well positioned to become a leading in-situ producer.

Our story in Canada began over 100 years ago and continues today with our team of over 2,100 full-time employees. We develop our projects in a way that is intended to enhance the economic and social benefit to communities while minimizing the environmental impact associated with development. Together we will continue our journey toward becoming Canada's safest, most respected and most profitable gas and bitumen producer.

Description

ConocoPhillips is looking for an intermediate- to senior-level individual to join its Remediation and Risk Management Team. This position will be part of a small, integrated team of technical specialists and program managers that direct consultant work on a large number of projects in Canada. The position will also liaise with key stakeholders including landowners, regulators, consultants and contractors.

Responsibilities

- Manage a large portfolio of downstream remediation sites (i.e., former gas stations, refineries, etc.) across Canada
- Provide technical direction to consultants on downstream remediation projects
- Communicate, and negotiate solutions, with challenging stakeholders
- Review consultant reports and evaluate technical evidence for legal claims
- Ensure remediation project work complies with safety standards and policies
- Conduct field site inspections

Basic/Required Qualifications

- Minimum Bachelor's degree in engineering, environmental science, geology, or a related field of study
- Minimum of 10 years of assessment, remediation and project management experience, preferably with downstream sites.
- Legally entitled to work in Canada on a full-time basis without restrictions

Preferred Qualifications

- Familiarity with environmental legislation in various provinces
- Experience with legal claims relating to contaminated sites
- Ability to work with minimal supervision
- Based in Calgary and willing to travel within Canada 6 – 8 times per year on short-duration trips
- Superior organizational abilities, especially the ability to work many short- and long-term issues or projects concurrently
- High level of technical competence
- Demonstrated problem solving and conflict management skills
- Excellent interpersonal, written & oral communication skills

In order to be considered for this position you must complete the entire application process, which includes answering all prescreening questions and providing your eSignature on or before the requisition closing date of January 29, 2014.

Please visit www.conocophillips.ca/careers to apply online.

For information on our Sustainable Development performance in Canada, visit www.cpcsustainability.ca

ConocoPhillips is an Equal Opportunity Employer



Key Responsibilities

- Manage the day-to-day operations for WSP's environment group in the Calgary region
- Lead WSP Alberta's oil and gas sector for environmental services including the identification and acquisition of work, and coordination and oversight of client activity
- Provide thought leadership in environmental services required by the sector
- Work closely with the Discipline Leads and Management Team
- Provide technical and logistical support to field personnel for field-based projects
- Review environmental site assessment, remediation & reclamation work plans, project cost estimates and technical reports
- Liaison with clients, regulatory agencies, other WSP business units and stakeholders regarding work plans, projects and environmental issues
- Manage the overall performance and professional development of staff
- Attract and retain key talent by creating an effective work environment and actively recruiting, coaching, and mentoring staff
- Create succession and development plans for key staff
- Implement corporate and client safety programs
- Understand, live and nurture our values.

Qualifications

- Strong leadership and motivational skills with the ability to develop positive working relationships in a team environment
- University degree in environmental science, engineering or related discipline
- 15 years of relevant upstream oil and gas environmental consulting experience
- Member in good standing with an applicable professional association
- Proven success in client relationship management at all levels of the client organization
- Proven success in people development and growth
- Thorough understanding of Alberta remediation and reclamation guidelines
- Excellent written, technical reporting and communication skills
- Proficient with Microsoft Office Suite and the use of online system
- Valid and fully licensed driver in Alberta
- The desire to succeed in a dynamic and progressive global organization

To apply for this position please refer to the WSP website at <http://mycareer-canada.wspgroup.com/>, job posting 27-0550.

WSP is committed to the principles of employment equity. Only the candidates selected will be contacted.



Manager – Environmental Due Diligence

Key Responsibilities

- Manage the day-to-day operations for WSP's Due Diligence group based out of the Calgary office
- Coordinate and review Phase I ESAs, compliance audits, and liability assessments for oil and gas facilities, industrial and commercial properties across western Canada
- Coordinate and review environmental due diligence assessments for property acquisitions and divestitures
- Provide technical and logistical support to field personnel for field-based projects
- Liaison with clients, regulatory agencies, other WSP business units and stakeholders regarding projects and environmental issues
- Manage the performance and professional development of technical staff
- Attract and retain key talent by actively recruiting, coaching, and mentoring staff
- Create succession and development plans for key staff
- Lead the development of new business opportunities in this region
- Implement corporate and client safety programs

Qualifications

- University degree in environmental science, engineering or related discipline
- 10 years of relevant upstream oil and gas environmental consulting experience
- Member in good standing with an applicable professional association
- Certified Environmental Auditor (CEA) designation is considered a strong asset
- Proven success in client relationship management
- Strong leadership and motivational skills with the ability to develop positive working relationships in a team environment
- Highly developed mentoring capabilities for technical staff
- Understanding of provincial and federal regulations, acts, and guidelines
- Ability to deal with changing situations, tight deadlines and conflicting demands and priorities
- Excellent written, technical reporting and communication skills
- Proficient with Microsoft Office Suite and database entry
- Valid and fully licensed driver in Alberta
- The desire to succeed in a dynamic and progressive global organization

To apply for this position please refer to the WSP Website at <http://mycareer-canada.wspgroup.com/>, job posting 27-0533.

WSP is committed to the principles of employment equity. Only the candidates selected will be contacted.



Terex Environmental Group Inc. is a progressive company providing specialized environmental project management services in the areas of contaminated site management, site assessment, environmental liability evaluation, and soil and groundwater remediation. Terex currently has a position available for an environmental professional based in Calgary. Those seeking a challenging professional career with an emphasis on quality, teamwork, and continuing professional development are encouraged to apply.

Environmental Professional

Qualifications

The candidate will have a degree or diploma with academic qualifications that meet eligibility requirements for professional registration in Alberta. Preferred consideration will be given to applicants with education in agrology, geology, environmental science or other related field of study. The successful candidate must be self-motivated with strong communication and technical writing skills. Applicants that do not possess a degree but have strong background or experience in contaminated site assessment and remediation design will also be considered.

Job Duties

The primary responsibilities will be based on qualifications of the candidate but will generally include:

- Coordination of environmental site investigation programs
- Coordination of soil remediation programs
- Coordination of groundwater remediation in conjunction with staff hydrogeologists
- Preparation of technical reports
- Management of environmental monitoring programs
- Supervision of technical staff

This challenging opportunity is suited for individuals with a desire to manage environmental projects as part of an interdisciplinary team. Career development is limited only by the motivation of the individual. Experienced applicants demonstrating strong environmental project management experience will be provided with the opportunity to manage advanced site investigation and remediation projects suited to their qualifications.

Additional Information

This is a career-oriented position offering mentoring by experienced professionals and is suited to motivated enthusiastic individuals with a strong technical background. Terex encourages a high degree of continuing professional development and provides increasing responsibility, project diversity, and industry training. Salary for this position is highly competitive and commensurate with education and experience.

Please direct resumes to Jacqueline Gorman at info@terexenvironmental.com