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**FOR IMMEDIATE RELEASE**

## **Consulting Engineers Help Protect the Environment and Yellowknife Community**

**(OTTAWA) October 25, 2016** – Consulting engineers from firm AECOM lead the Giant Mine Roaster Complex Decontamination and Deconstruction project near Ingraham Trail, for which they won an Award of Excellence Tuesday night at the 2016 Canadian Consulting Engineering (CCE) Awards gala. This project was recognized for its technical excellence and its social, economic and environmental contribution to the Yellowknife community in which it was carried out. In fact, AECOM's team implemented multiple measures, plans and procedures to protect workers, the public and the environment.



“These awards showcase the outstanding talent and expertise of consulting engineers across Canada,” said ACEC President and CEO John Gamble. “By recognizing projects with national awards, we highlight the important contributions of engineering firms to Canadians and the huge impact they have both here at home and around the world.”

### **Protecting the Yellowknife community and environment**

Giant Mine produced seven million ounces of gold through chemical roasting from 1948 to 1999. When the mine operator declared bankruptcy in 1999, control of Giant Mine was transferred to the federal department of Aboriginal Affairs and Northern Development Canada (AADNC). Because the complex was aging, AADNC and Public Works and Government Services Canada needed to deconstruct the Giant Mine Roaster Complex buildings which were at risk of collapsing, potentially releasing hazardous materials into the environment. Thanks to the efforts of AECOM's team of engineers, the project not only safely dismantled all structures avoiding the release of asbestos, arsenic trioxide, cyanide and other hazardous materials into the environment, but it also containerized just over 9000 m<sup>3</sup> of arsenic hazardous waste without adverse effect to workers, the public and the environment.

### **Engineering a safer, more sustainable future**

The technical aspects of assessing and demolishing such a highly contaminated complex were a significant source of challenge for AECOM and sub-consultant Golder who completed the assessment, project design and contractor supervision. Multi-faceted work control standards were developed in order to: minimize exposure to asbestos, arsenic, cyanide, and arsine gas by on-site workers; protect the public and the environment; and confirm when decontamination was complete. “We are honored to receive this award recognizing our commitment to building a better world and bringing positive change in our communities,” said Doug Allingham, Executive Vice President, Canada. “At AECOM, we drive innovation to create safe, sustainable and resilient environments for the generations to come.”

In November, follow the [#20DaysOfExcellence](https://twitter.com/20DaysOfExcellence) in engineering campaign on Twitter and at [www.acec.ca/20daysofexcellence](http://www.acec.ca/20daysofexcellence) to watch videos of award-winning projects like this one and to learn more about the impact of consulting engineering on our quality of life.

The award-winning projects are described in full in the October-November 2016 issue of *Canadian Consulting Engineer* at <http://www.canadianconsultingengineer.com/digital-edition/>.

**AECOM** is a fully integrated firm working with governments, businesses and organizations globally to develop and implement innovative solutions to the world's most complex challenges. [www.aecom.com/ca/](http://www.aecom.com/ca/)

**ACEC** represents companies in Canada that provide professional engineering services to both public and private sector clients. These services include the planning, design and execution of all types of engineering projects, as well as providing independent advice and expertise in a wide range of engineering and engineering-related fields. For more information about ACEC and the 2016 Canadian Consulting Engineering Awards, please visit [www.acec.ca](http://www.acec.ca).

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**Multimedia (includes project description, video, photo):**

[Project photo](#)

[Project page on acec.ca](#)

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