

## **New Technology Improves Tank Safety**

### *Enviro Vault's ThermoVault™ Provides A Safe Alternative For Heating Fluids In Hazardous Areas*

Calgary, AB (January 10, 2012) – The ThermoVault™ by Enviro Vault Canada Ltd. offers a safe, effective alternative to fire tube/burner assemblies for heating above ground storage tanks. The ThermoVault™ is ideally suited for use in hazardous areas such as light oil applications when fire tubes may not be allowed.

With Assistance provided by the Government of Canada National Research Council - Industrial Research Assistance Program (NRC-IRAP), Enviro Vault contracted the services of Alberta Innovates - Technology Futures (AITF, formally the Alberta Research Council) to conduct a comprehensive R&D analysis of the ThermoVault's innovative use of catalytic heaters mounted within a chamber recessed to the inside of the tank shell, testing the systems ability to raise and maintain fluid temperatures in above ground storage tanks.

“Innovation is about continually looking for a better way, and our focus has always been on improving tank safety and functionality by expanding the range of benefits offered by the Enviro Vault internal chamber platform” says Russ Hebblethwaite, President of Enviro Vault Canada Ltd.

ThermoVault™ testing revealed reductions to Nitrous Oxide (NOx) and Carbon Monoxide (CO) while meeting the same heating requirements as compared to conventional fire tube burner assembly

Based in Calgary, Alberta, founder Russ Hebblethwaite developed the Enviro Vault to improve the safety and performance of oil storage tanks in field operations. The patented ‘internal chamber’ serves to improve environmental performance, safety and operations by containing fluid spills from the tanks inlet and outlet valves, and by providing secure, freeze protected area, ground level access to valves and instruments.

- more -

The Enviro Vault is the patented concept whereby a recessed chamber is installed "inside" the tank with an access door through the tank wall. All valves, sample taps, electronic controls, and heater (if required) are mounted in the Enviro Vault. Enviro Vaults can be fitted in any size or shape of new tank or in-service tank for any specific application – heavy oil and light oil production tanks, produced water, potable water, asphalt tanks, separator packages, rental tanks, and any other application where a tank is required.

**Press Contact:**

Stacy Richter  
Post+Beam

403.875.2772  
stacy@postandbeam.is

## **About Enviro Vault**

Since 1996, the Canadian oil and gas industry has specified solutions from Enviro Vault; an industry leader specializing in storage tank solutions. The company breeds a culture of imagination and innovation evidenced by heavy investments in research and development with a goal of developing the next generation solutions for tank safety and environmental stewardship. To learn more, please visit [www.envirovault.com](http://www.envirovault.com)

**###**