

Additional Projects

2021 Remote Sensing Tools

2021 Soil and Groundwater Guideline Calculator

2021 Data Collection & Analysis of Phase II Environmental Site Assessments (ESA) Associated with Drilling Waste Disposal Locations

2021 Low Probability Receptor Demonstration Project

2020 Regulatory Approval of Risk Tools

2019 Data Collection Analysis of Phase 2 ESAs Associate to Drilling Waste Compliance Option Triggers

2018-2020 Standardizing Risk Assessment Approaches base on Residual Mass vs. Numerical Endpoints

2017 -2020 Low Probability Receptor

2015 Identifying, Characterizing and Addressing Soil and Groundwater Issues related to SCF and Other Types of Natural Gas Migration

- 2016 CMC_SCVF Presentation

2013 Using Laboratory Saturation Percentages to Estimate Soil Texture

- 2014 EQM_Percentage Saturation to Estimate Soil Texture Report

- 2014 EQM_Percent Saturation Forum Presentation

2013 Residual Saturation, Fire/Explosion Hazard and Hydrophobicity

- 2013 AITF_Residual Saturation Fire Explosion Report

2011 The Modern Practices of Hydraulic Fracturing: A Focus on Canadian Resources

- Press Release
- Final Report

2009 Emergency Surface Water Pond Treatment

- 2010_Fossil Water_Emergency Surface Water Pond Study

2008 Chemical and Isotopic Characterization of Water and Dissolved Gases in Shallow Aquifers in the Vicinity of Coal Bed Methane Operations in Alberta

- 2008 UoC_CBM Presentation
- 2010 UoC_CBM Report

2004 Reclaimed Soil Quality Benchmark Study

2002 Remote Alarm and Monitoring System (RAMS) for Water Well Operation Monitoring

2002 Development of a protocol for site-specific risk assessment and identification of plant species sensitive to flare emissions using physiological and

biochemical tests

2002 Book-Installation, Inspection and Maintenance of Fuel Storage Tank

2002 Direct Feed Pipe Plow

2002 Determine the effect of oil sand mining by-products

2001 Environmental Conditions and Performance of Oil and Gas Sumps in Permafrost

- 2000 Oil Sumps in Permafrost_Proposal

2001 Monitored Natural Attenuation for Upstream Oil and Gas

- 2000 Komex_Uptake of Sulfolane by Cattails Report
- 2001 Komex_MNA Presentation
- 2001 UoA_Natural Attenuation
- 2002_Remediation by MNA_ERAC
- 2002 Komex_MNA Letter Update
- 2002 Komex_Diffusion Samplers in MNA Letter Update
- 2002 Armstrong_Assessment MNA Report
- 2003 ERAC_Remediation of PHC Site by MNA
- 2004 Komex_Sulfate Reduction_MNA
- 2004 Komex_MNA Presentation
- 2005 Komex_MNA Presentation

2000 Hydrophobic Soils: Site Characterization and

Tests of Hypotheses Concerning their Formation

- 1998 Imperial_Hydrophobicity Project
- 2000 Imperial_Soil Hydrophobicity
- 2002 Imperial_Soil Hydrophobicity_Part 2