

# Other PHC Projects

[2013 Development of a Tier 2 SSR0 Derivation Process Beyond the Pass/Fail Approach \(Phase 2\)](#)

- [2014 Stantec SSR0 Presentation](#)

[2013 Assessment of the Environmental Significance of Vapour Emissions During Ex Situ Remediation Activities Compared to Landfill Disposal, 2013 Summary Report](#)

- [2013 MEMS\\_Sampling Letter\\_Vapour Emissions from Ex Situ Remediation](#)
- [2013 MEMS\\_Vapour Emissions Spreadsheet Tool](#)
- [2014 MEMS\\_Vapours Presentation](#)
- [2014 MEMS\\_Sampling Letter\\_Vapour Emissions from Ex Situ Remediation](#)

[2013 A Rapid Bioassay for Predicting Toxicity of PHC-Contaminated Soil, Phase 3](#)

- [2013 ALS\\_Rapid Bioassay for PHC Contaminated Soil Presentation](#)
- [2013 ALS\\_A Rapid bioassay for predicting toxicity of PHC contaminated soil\\_Phase 3 Report](#)
- [2014 HydroQual\\_Bioassay Presentation](#)

[2012 Vapour Emissions During Ex Situ Remediation Activities: Model Calibration, Evaluation of Biofilters, and Screening Tool Development](#)

- [2012 Meridian\\_Vapour Emissions During Exsitu Remediation Activities](#)
- [2012 Meridian\\_Vapour Emissions Spreadsheet Tool](#)

[2012 Assessment of the Environmental Significance of Vapour Emissions During Ex Situ Remediation Activities Compared to Landfill Disposal, 2012 Update](#)

- [Meridian\\_Vapour Emissions](#)
- [2011 Meridian\\_Vapour Emissions](#)
- [2012 Meridian\\_Vapour During Exsitu Remedial Activities compared to Landfill Disposal](#)

#### [2012 Alternative Process for Developing a Tier 2 SSR0, Phase 1](#)

- [2013 Zajdlik and Stantec\\_Tier 2 SSR0s Presentation](#)
- [2013 Stantec\\_Alternative Process for Developing Tier 2 SSR0s](#)
- [2013 Stantec\\_SSR0\\_Report 09-9193-50](#)
- [2011 WorleyParsons\\_Tier 2 for F2 and F3 Presentations](#)

#### [2011 A Rapid Bioassay for Predicting Toxicity of PHC-Contaminated Soil, Phase 2](#)

- [2011 ALS\\_PHC Rapid Bioassay-913751 Report](#)
- [2011 HydroQual\\_Bioassay Presentation](#)

#### [2011 Simplified Microtox Bioassay Procedure for Drilling Waste Testing](#)

- [2011 ALS\\_PHC BioassayFinal for Drilling Waste\\_09-9158-50 Report](#)

#### [2010 A Rapid Bioassay for Predicting Toxicity of PHC Contaminated Soil, Phase 1](#)

- [2009 ALS\\_PHC Rapid Bioassay\\_09-9159-50 Report](#)

#### [2010 Petroleum Hydrocarbon Tier 2 Guideline Calculation Software](#)

- [Hydrocarbon Calculator](#)

#### [2009 Crop Response to Excessive Root Zone Contamination with Petroleum Hydrocarbons Under Simulated Drought](#)

#### [2008 Earthworm Chronic Testing Phase 2, Identifying Effective Soil Conditioners and Amendment Levels in Clay and Sand Reference Soil for Use in Toxicity Testing](#)

- [2008 Stantec\\_Soil Conditioners and Overview of A New Bioavailability Project](#)
- [2008 Stantec\\_SOIL CONDITIONERS AND AMENDMENT LEVELS IN CLAY AND SAND for TOXICITY TESTING\\_Phase 2](#)

### [2007 Applications of Ecotoxicity Methods and Bioassay Testing for Site Specific Risk Assessments](#)

- [2007 Stantec\\_Ecotoxicity and Bioassay for SiteSpecific Risk Assessments Presentation](#)

### [2006 Validation of Toxicology Test Methods for Assessing Petroleum Hydrocarbon and Brine Spills in Boreal Forest and Taiga Eco-Zone Soils](#)

- [2007 SRC\\_PHC and Brine Spills in Boreal Forest Soils](#)
- [2007 SRC\\_PHC and Brine Spills in Boreal Forest Soils Report](#)
- [2008 Env Canada\\_PHC contaminated boreal forest soil Presentation](#)
- [2010 Env Canada\\_Boreal Forest Soil Toxicity Test Methods Presentation](#)
- [2013 Env Canada\\_PHC contaminated boreal forest soil Presentation](#)

### [2002 Test Methods for Assessing Toxicity in Contaminated Soil Presentation](#)

- [2002 Stantec\\_EARTHWORM Tests PH 2 Report](#)
- [Stantec\\_Soil Test Methods for Assessing Toxicity in Contaminated Soil Presentation](#)
- [2003 Stantec and UMA\\_Soil Toxicity Presentation](#)
- [2004 Env Canada\\_Biological Test Methods for Assessing Contaminants in Soil Presentation](#)

### [2002 In Situ Flushing Process for the Treatment of Mixed-Contaminated Soil](#)

- [2004 SAIC\\_Remediation using insitu flushing Presentation](#)

[2002 Electro-Thermal Remediation of Hydrocarbon Contaminated Soils and Groundwater](#)

[2002 Treatment of PAHs in Soil using a Two-Phase Partitioning Bioreactor](#)

[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](#)

[2001 Land treatment of bioremediated hydrocarbon contaminated soils](#)

- [2002 ARC\\_Phytoremediation to Enhance Hydrocarbon Remediation in Landfarms](#)

[2001 Chemical Washing Oil Contaminated Soil](#)

- [2001 Chemical Washing\\_Proposal](#)

[2001 Developing a method for large scale field measurement of soil gas emission](#)

[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](#)

[2000 Acute Screening and Definitive, Chronic Testing with](#)

## Motor Gasoline

- 2000 Stantec\_Acute Screening and Definitive, Chronic Toxicity Tests with Motor Gasoline\_Presentation

2000 Degradation of Petroleum Hydrocarbons at the Soil/Root Interface in Contaminated Soils