

Oil Sands Monitoring (OSM)

2016-2017 PROJECT PLAN SUMMARY

Project Name:	A2-1-1 Cold Lake Soil Acidification Monitoring Program
Type of Project:	Long Term Monitoring
Delivery Agent:	Lakeland Industry and Community Association (LICA)
Project Contact:	Bob Myrick (AEP) bob.myrick@gov.ab.ca/ Michael Bisaga (LICA) lica2@lica.ca
Budget:	\$ 83,000

Project Description:

The soil acidification sampling plots in Moose Lake Provincial Park (2010), Whitney Lakes Provincial Park (2011), and southwest of Tucker Lake (2012) are sampled on a staggered four-year cycle. Regional Soil Acidification Monitoring Program for 2016-17 consists of sample collection and analysis for the two Tucker Lake forest plot sub-sites. Samples will be collected using Alberta Environment and Parks sampling protocol, with samples collected from pits in established plots, and a leaf litter sample at each plot.

Project Objectives:

This project provides foundational monitoring data and information for the Cold Lake oil sands region.

Key Outcomes:

Soil acidification data from Tucker Lake region. Enhanced regional sampling by Alberta Environment and Parks, local industry, and the Alberta Lake Management Society.

Geographic Scope:

The Lakeland Industry and Community Association (LICA) airshed including the Cold Lake oil sands deposit.

Associated Data and Reports:

Data are stored electronically and in hardcopy, on LICA-owned servers and permanently in the provincial soils data repository (G. Dinwoodie – database owner). State of Environment Reporting will be completed in the last quarter.