

## Oil Sands Monitoring (OSM)

### 2016-2017 PROJECT PLAN SUMMARY

<b>Project Name:</b>	<b>A2-1-2 Operation of Enhanced Deposition Sites</b>
<b>Type of Project:</b>	Focused Study
<b>Delivery Agent:</b>	Wood Buffalo Environmental Association (WBEA)
<b>Project Contact:</b>	Bob Myrick (AEP) - bob.myrick@gov.ab.ca Sanjay Prasad (WBEA) - sprasad@wbea.org
<b>Budget:</b>	\$ 305,000

#### **Project Description:**

This project involves the operation of the Enhanced Deposition monitoring sites located at the Bertha Ganter Fort McKay, Buffalo Viewpoint, Mannix, Lower Camp, Fort McKay South, Wapasu, and Conklin Lookout monitoring sites. Parameters to be monitored include continuous ambient air quality parameters, other continuous species such as polycyclic aromatic compounds (PAC) and special polycyclic aromatic hydrocarbons (PAH) as well as a range of integrated parameters in air and precipitation as installed by WBEA on behalf of ECCC.

#### **Project Objectives:**

The establishment of a stable and finalized enhanced deposition data that will provide information on the predominant primary emission sources impacting local and regional air quality including transport and transformation of target pollutants. These data are needed for the deposition and cumulative effect estimations.

#### **Key Outcomes:**

Continued operation of existing Enhanced Deposition monitoring.

#### **Geographic Scope:**

The Regional Municipality of Wood Buffalo (RMWB) in Athabasca Oil Sands Region (AOSR).

#### **Associated Data and Reports:**

All WBEA air monitoring data are quality-assured and sent within four weeks of month-end to the WBEA website for public reporting and AEMERA/AEP data portal. Enhanced measurements data are analyzed by ECCC and uploaded to the Oil Sands Data Portal after quality control is complete.