

2016-2017 PROJECT PLAN SUMMARY

Project Name:	W3-1-1 Data Integration, Synthesis and Reporting
Type of Project:	Focused Study
Delivery Agent:	ECCC/AEP
Project Contact:	Joseph Culp (ECCC) - joseph.culp@canada.ca
Budget:	\$ 267,000

Project Description:

A significant amount of physical/chemical/biological data and related environmental information exists from historical monitoring activities in the Alberta oil sands region, and has been augmented significantly from contemporary Joint Oil Sands Monitoring (JOSM). This project is responsible for reporting on the results from each of the JOSM Water sub-projects, in an integrative way (and integrated with results from the JOSM Atmospheric and Wildlife Health Components where appropriate), and will contribute to reporting on the status and trends of water quality, water quantity and ecosystem health and integrity, and will inform decisions regarding potential adjustments and changes to the monitoring program design.

Project Objectives:

- Reporting on the data and results from each of the JOSM Water monitoring, in an integrative way (and integrated with results from Atmospheric and Wildlife Health monitoring where appropriate).
- Inform decisions regarding potential adjustments and changes to the monitoring design.

Key Outcomes:

- Seven technical data synthesis report manuscripts: peer-reviewed by internal and external experts; edited by professional scientific editorial services
- A water program-wide data report, which will synthesize the 7 technical data synthesis reports along with new information where available. The technical reports include tributary and mainstem water quality, atmospheric deposition, groundwater, hydro-climatic and sediment modelling, fish and benthic invertebrate health.

Geographic Scope:

The entire Alberta oil sands region

Associated Data and Reports:

All data used in the synthesis project will be uploaded to the JOSM data archive. Reports include:

- Internally and externally peer-reviewed technical data synthesis reports
- A water program-wide data report, which will synthesize the seven technical data synthesis reports along with new information where available into an overall water program data synthesis report

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