Use of Tubifex to Consolidate Oil Sands Tailings

PROJECT DESCRIPTION

The research will investigate the effects of Tubifex, a earthworm type, on the accelerated consolidation of oil sands tailings. Past research has demonstrated that Tubifex may be effective at a small-scale lab environment. The present research will upgrade to the large-scale column tests of Tubifex in oil sands tailings. Then changes in mechanical properties of oil sands tailings will be monitored throughout the process. The UG internship is supposed to work with a PhD/MSc student on such project.

FACULTY-DEPARTMENT

Engineering - Civil Engineering

OPEN TO STUDENTS FROM THE FOLLOWING INSTITUTIONS

Chinese universities participating in the *Double First-Class Initiative*.

DESIRED FIELD OF STUDENT STUDY

Civil Engineering

INTERNSHIP LOCATION

Edmonton Campus

NUMBER OF INTERNSHIP POSITIONS

2

INTERNSHIP DATES

Start: July 2, 2019

End: October 2, 2019

ARE THE DATES FLEXIBLE?

Yes, I am flexible regarding the internship dates. Selected students can contact me to request a date change.