

DRAINTUBE

AT WORK

A DRAINTUBE™ case study

Tailings and mining applications

SUNCOR Energy chooses **DRAINTUBE™** technology for the runoff drainage and LFG collection during the closure of industrial waste storage Cells A & B at McKay river site.

CH2M Hill has decided to use **DRAINTUBE™** technology in order to close efficiently the cells A and B at Suncor Energy River McKay plant and collect the rain water and the LFG for the following reasons :

- High performance of the product for rain water and biogas collection,
- Precisly designed product using the hydraulic software Lymphéa@,
- High level of technical expertise provided by the manufacturer during the design and the construction of the project,
- Good performance of the product at low temperature.

The project has been successfully complete during the end of the summer 2011 and the results were so good that CH2M Hill has proposed to its client SUNCOR Energy the use of **DRAINTUBE™** to drain the groundwater and leachate for the next 2 cells.



An Oil sands plant – Northern Alberta

Products :

DRAINTUBE™ 400P FT2 D25 (runoff)

DRAINTUBE™ 400P TF1 D20 (LFG)

Year : 2011

Owner : SUNCOR Energy

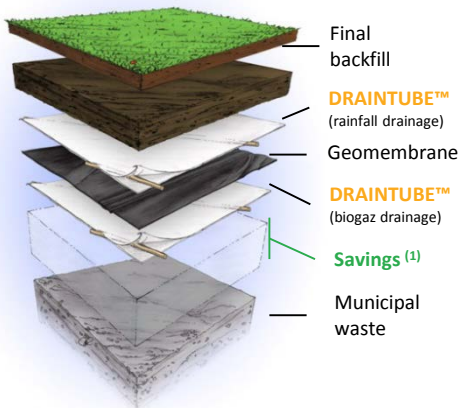
Engineer : CH2M Hill Calgary

Total covered area :

50 000 m² (550,000 sf)

Slope : 3H:1V on slopes - 2% on top.

Typical cap with DRAINTUBE™



(1) DRAINTUBE™ allows the savings of 6" of sand (biogaz collection below the geomembrane and 12" of gravel (rainfall collection on the geomembrane)

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DRAINTUBE™ during installation

Produced by:

AFITEX • Texel
LE DRAINAGE SUR MESURE • THE DRAINAGE YOU WANT

DRAINTUBE™, the drainage YOU want!