

-  October, 2019
-  CC5 Batched
-  # 200 Sq. m
-  Transverse
-  Undisclosed
-  Frontier Petroleum
-  Bund lining at an undisclosed oil and gas facility



In October 2019, 5 mm batched roll Concrete Canvas® (CC) Geosynthetic Cementitious Composite Mat (GCCM) were used by Frontier Petroleum for a bund lining application at an undisclosed Oil and Gas facility in Eastern Canada. Crushed gravel was originally considered for this project, however CC was ultimately chosen because of ease of installation, weed suppression properties, limited site access and 120 year design life. Ground preparation for this project included vegetation removal, re-grading of the substrate and installation of a HDPE 60mil membrane. The weather during installation was clear and temperatures ranged between five to ten degrees Celsius. The CC was installed in a transverse layout. The overlaps were then sealed and secured with Soudaseal sealant and 20mm screws, and once complete the material was hydrated with water from a nearby fire hydrant. The installation was completed in two 8-hour days and exceeded client expectations.





CC installed in a transverse layup



CC after HDPE liner installation



CC eliminates weeds under important infrastructure



CC after hydration