

Case Study

Spray in Liner CNRL



STRAY CAT
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Project: Spray in Liner

Location of project: 40 km North of Grande Prairie, Alberta.



Description of Application: Stray Cat measured all areas to be lined prior to install of liner into building, polyurea was pre-sprayed onto a 6oz non woven geo textile outside of building and then laid out inside and cut to size for pilings. All pile boots were banded with stainless steel bands.

QA/QC Tests Performed: Daily QA/QC reports were filled out and monitoring of environmental conditions took place during the entire project. Once the project was complete samples of the cured polyurea over the geotextile liner was given to the client as well as all daily inspection reports.

Unique Conditions or Experiences during project: The compressor building had only 18' of clearance from the ground floor to the bottom of the compressor skid so room was very tight. Stray Cat removed all the grating inside the building to make more room for work. There were also many pipes running throughout the building making for a very tight congested working area.

Details



Manufacturers: Raven Lining Systems for the polyurea and Nilex for the Geotextile

Size: 1500 ft²

Length of project: 6 days

Crew size: 2 technicians, 1 Foreman

Equipment on site: Graco EXP2 proportioner, Graco Fusion AP gun with 4242 mixing chamber

Type of Structure: Dirt Floor of Compressor building with approximately 40 pilings.

Condition of Structure: uneven dirt floor with puddles and rusty steel pilings

Date of Application: September 2017

Product Used: Raven 512 polyurea, desert tan

Warranty: 5 years

Opinion of Project Owner - Product, Applicator Performance and Projected Future Use: Stray Cat is the preferred vendor for CNRL for spray in liners. Stray Cat has done many successful liner projects for CNRL and maintains an excellent relationship.



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