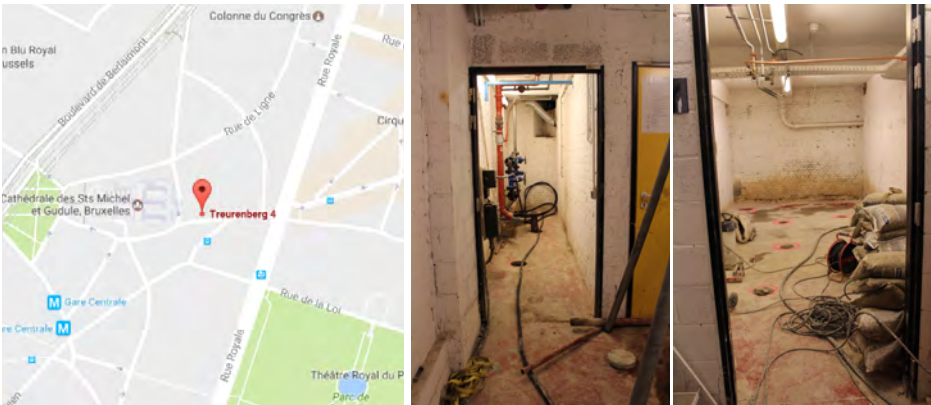


ISTD/ I-18-03 TREURENBERG (BE)

Context & Project Description

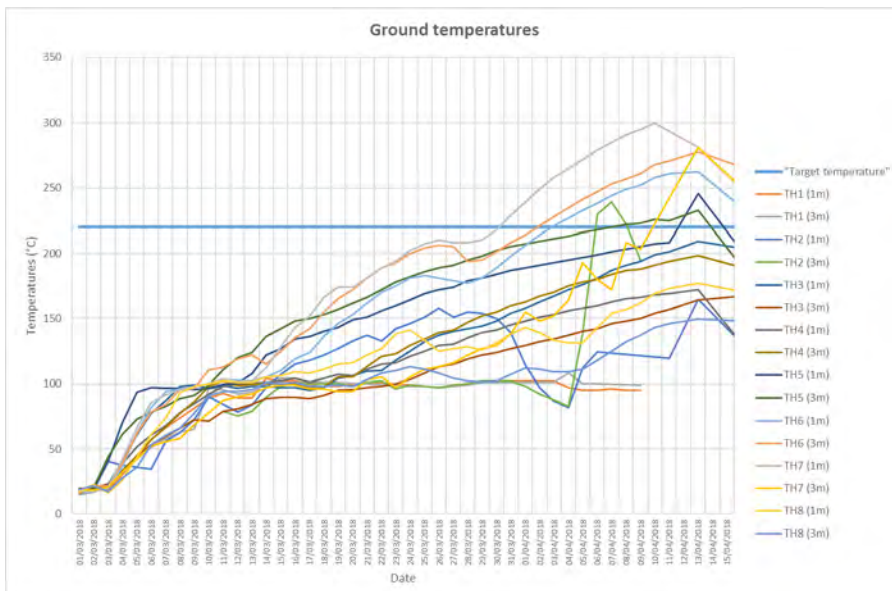
The site is located in Brussels, Belgium, in the basement of a CBC Bank's building, near Sainte-Gudule's Cathedral. The treatment zone is in multiple maintenance rooms with a total of 46m². The total volume to be treated was of 138m³ (248 Tons) and was mainly impacted by a hydrocarbon's leakage.

Because it was a narrow basement, Engineering and Operations staff encountered difficulties while drilling before placing the Smart Burners™. (80cm of concrete floor's thickness, drilling to 3m depth, low ceiling,..), causing a few days of delay to properly drill into the ground.



Conclusion

Treatment is validated through external soil sampling performed for AB-ecoglobe. These were performed on the 27th of April 2018 and the 2nd of May 2018. The figure below shows the temperatures curves during treatment. The treatment goal was 300 mg/kg. Contaminants' concentration after treatment was of <300mg/kg DM. All remediation objectives were achieved.



Key words

Contaminants
HCT (C10-C40)

Max. concentration
13.000mg/kg DM

Volume
138 m³

Tonnage
248 Tons

Nb of heating tubes
19

Temperature Target
220°C

Heating duration
6 weeks

Treatment targets
<300 mg/kg DM

Location
Brussels - Belgium

Future Use
Commercial

Client
Mercury Capital

Partner
/

Consultant
AB Eco-Globe

Date
2017-2018