TUBULARS
CASE STUDY

BROOM CLOSE EMBANKMENT

John Lawrie Tubulars is a leading specialist in the supply of new and repurposed steel tubulars. With a keen focus on the circular economy, we purchase steel tubulars from the oil and gas industry and repurpose them as a high-quality for concrete piles in the construction and civil engineering sectors globally.

Highlights

Client:	Story Contracting Ltd
Location:	Broom Close Embankment, Birmingham
Project:	Supply of steel casing pipe for use as piling
Casing Pipe:	339mm diameter Grade L80 steel Circular Hollow Section (CHS) piles
CO_2e saving:	316.33 t CO_2e

Project Summary

For this bank stabilisation project, we supplied 117No. 339mm diameter Grade L80 steel Circular Hollow Section (CHS) piles which were cut to length and supplied from our Montrose facility.

USING OUR REPURPOSED TUBULARS WILL SAVE **97.21%** OF CARBON EMISSIONS over new manufactured prime steel product

Story Contracting Ltd installed the piles using their T10,000 RRV Colmar's with a Movax attachment in 6 and 7.5 metre lengths to allow for varying ground conditions, with pile centres every 2 metres. Steel plates have also been welded between each pile to act as ballast retention to prevent future embankment failure.

Repurposing used oil and gas tubulars as piling is an economical as well as environmentally friendly option for construction projects from residential construction to large-scale infrastructure projects.

To date John Lawrie has supplied over 2 million tonnes of steel tubulars for use as piling which has minimised waste, saved more than 4,326,000 t CO_2e and helped establish a more robust economy.
We are proud to be demonstrating innovative thinking in support of the drive towards a circular economy.

John Lawrie TUBULARS

The CIRCULAR ECONOMY Experts

UK MONTROSE | SCUNTHORPE | **USA** HOUSTON
info@jltubulars.com **johnlawrietubulars.com**