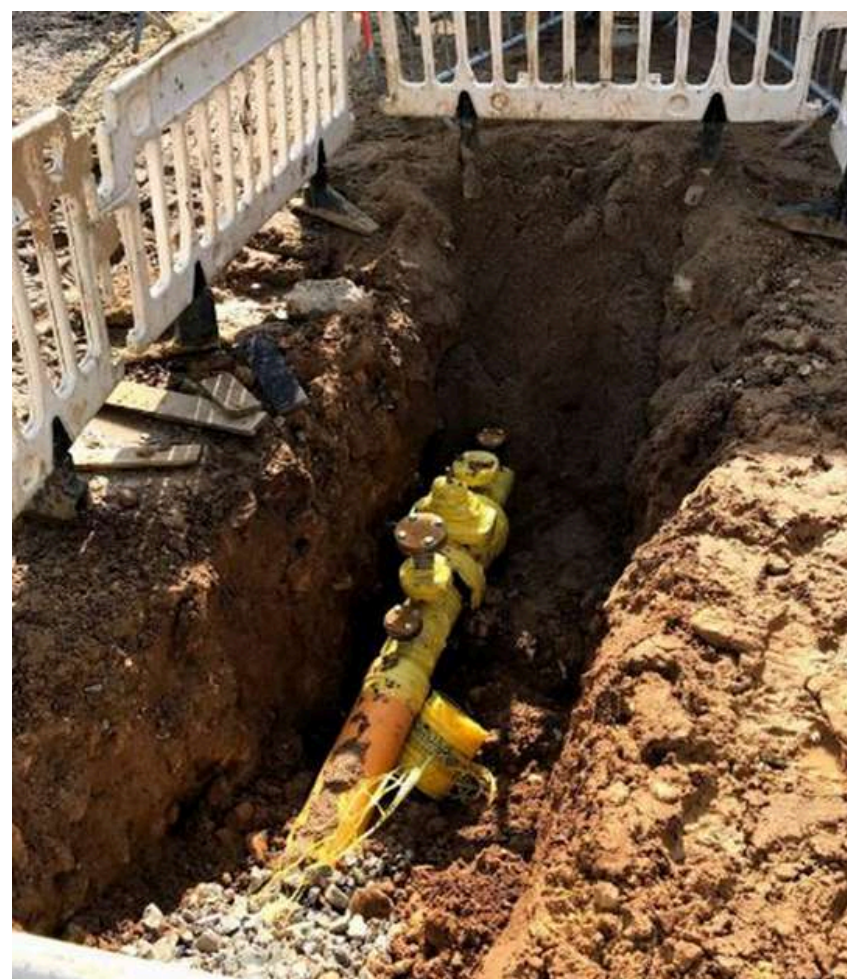


HEMSWELL

CLIENT: AIR LIQUIDE
G2G: MAY 2018

PROJECT OVERVIEW

Located adjacent to Biotech4's food waste AD plant at the Hemswell Cliff Industrial Estate, the Air Liquide Hemswell site injects 950scmh of biomethane into the 7bar Cadent IP via a 2.6km HDPE SDR11I export pipeline. CSL were responsible for the overall design, management and delivery of the project on behalf of Air Liquide who free issued the BUU and GEU. CSL also acted as key liaison between the client and Cadent and designed and installed the export pipeline.



CSL DESIGN SCOPE

- Integration of Air Liquide membrane BUU with Orbital GEU
- Mechanical pipework & condensate system installation
- Provided air compressors LVDB, and all electrical and communications cabling.
- Export pipeline to IP main

CSL PM SCOPE

- Principal Designer and Principal Contractor under CDM
- Programme Management
- Cadent tracker management inc GL5/G17
- HAZOP and DSEAR
- G2G commissioning management

KEY CHALLENGES

Land ownership issues and easement agreements were a major challenge on this project with the export pipeline going through multiple ownership boundaries. Changes to Cadent's internal tracker system presented a new challenge with information requests being increased widening the scope of review.

