

# Green Frog Utilities Project: **Five Mile Lane**



**Site:**  
Five Mile Lane

**Client:**  
Wales and West Utilities

**Duration of contract:**  
3 months: April 2019 to  
June 2019

**Contract Value:**  
Circa. £500,000

## **Scope of Works**

Green Frog Utilities Ltd, in April 2018, were awarded the contract to construct, install and commission 330meters of 300mm diameter, welded, high pressure gas pipeline at the Five Mile Lane road development works near Rhoose for Wales and West Utilities. The diversion was necessary to support road development works which are currently in construction.

Green Frog Utilities, acting as principal contractor, commenced works in April 2019 and completed all works on time and on budget by the end of June 2019.



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## The project comprised of the following;

- Mobilisation and setting up a project site establishment
- Setting out pipeline diversion route and working areas
- Fabrication and testing of diversion and temporary bypass pipework
- The construction of two number existing and future road crossings
- The installation of approx. 50mts of pipeline in a concrete construction sleeve in the new road diversion
- The fitting of two number stopple arrangements to facilitate decommissioning and commissioning works
- Reinstatement of working areas

## Challenges:

- Multiple Stakeholders
- High Pressure Gas Pipeline
- Pipeline Slewing Activities
- Area of archeological interest
- Road crossings

## Key Achievements:

- Project delivered on time and on budget
- Zero accidents or lost time injuries