



Lessons Learned

High Pressure Gas Main – High Potential Event

Date of incident	05/05/2022	Incident type	High Potential (HiPo)
Incident ref number	INC12388	Contractor	BBV
Sublot	SL7.1	Location	Curdworth Cutting
Keyword search	High Pressure Gas Main	Reported by	David Hayward

Summary of Incident

A Cadent gas surveyor observed BBV using plant in the vicinity of their High Pressure (HP) Gas Main and requested work to cease. A Cadent Surveyor later visited site to mark out the asset and it was confirmed that the works were taking place within the gas main's exclusion zone, with a bund, formed by the topsoil/vegetation removal, positioned above the main.

Findings

- No easement fencing was in place for the HP Gas Main.
- The route of the HP Main was clearly shown on iSpatial/drawings.
- No confirmation of the actual HP Main route was undertaken by BBV, either during planning phase or during the works.
- BBV did not follow Cadents' 'Pink Slip' Site Visit Request Process.
- No Permit to break ground was requested / issued.
- Daily Coordination Meetings were not attended by all Teams, including the Earthworks and Permit Teams.
- There was a lack of understanding of the Setting People to Work procedure and Service Avoidance requirements.
- Risk Assessment, Method Statement (RAMS) covering the activity were insufficient and not reviewed following a change to the design of the pond being constructed.

Lessons Learned

- Onboarding process needs improving to ensure key procedural requirements are communicated and understood, particularly to Supervisors.
- Project wide approach to 'Asset Protection Teams' needs to be confirmed and reflected in the Underground/Overhead (UG/OH) Services Procedure.
- An accurate register of ALL known assets in each Sub Lot, plus details of easement fencing/protection measures is required.
- A series of roadshow presentations is to be undertaken in all Sub Lots, supported by Cadent. These will remind people of the risks of UG/OH services, share findings/lessons learned from BBV incidents and provide guidance on Asset Owner requirements.

Photographs

