

18-14 HV Cable Joint Explosion

The following Safety Alert has been received from an external source. The contents of which are relevant to Stantec Treatment operations.

SAFETY ALERT



For Anglian Water employees and contractors No. SA000628 Date: 13 Feb 2018



HV CABLE JOINT EXPLOSION



WHAT HAPPENED:

A trial hole was excavated at a site in Wisbech, it was left open whilst other works on the site continued. Late in the evening an old clay joint surrounding an exposed steel wire armoured high voltage cable (11kV) exploded. The explosion set fire to roadside barriers (shown above) that were lying over the hand excavated trial hole. On the days prior to the joint failing it had rained but the excavation had not filled with water. The condition of the exposed cable and joint was believed to be in good condition when initially exposed.

The Fire Service and Police arrived on site, extinguished the fire and made the area safe. The loss of power affected approximately 1600 properties; thankfully no-one was injured.

WHAT DO YOU NEED TO DO:

- Whenever you uncover a low or high voltage clay joint, or any type of cable joint which appears damaged or in poor condition, contact the local utility owner to inspect the joint before work continues in the immediate vicinity.
- Always support cables and joints in excavations appropriately, they must be suitably supported to prevent sag and strain on the joint.
- Never use other utilities as access and egress to and from excavations.
- Where possible use pumps to avoid excavations filling with water and submerging joints.
- Use appropriate security measures to keep members of the public safe.

Safety Alerts should not be thought of as an accident investigation report. However, they are issued to raise awareness of accidents that occur and to highlight the safe work practices required to avoid them being repeated.

Authorised by:	Dominic McGough	Date:	12/10/2018
Distribution list:	<i>Operations, Capital Delivery, Contractors, and Executive Management Team</i>		

Stantec Treatment Requirements.

1. Always follow your Safe System of Work
2. Always remember the Golden Rules
3. Follow the advice contained in this Safety Alert and Stantec Procedure - [CDPD34 Excavation Operations](#)
4. Ensure you complete a SafeStart card at the start of your shift
5. If in **DOUBT STOP WORK** and seek advice from your supervisor
6. Report all Incidents or “ Improve Its”

Manager:		Project No:	
Date:		Project :	

BRIEFING RECORD: I HAVE UNDERSTOOD THE BRIEFING ON THIS SAFETY INFORMATION AND AGREE TO COMPLY WITH STANTEC TREATMENT REQUIREMENTS.

Name	Signature	Company