

TERMINAL PUMP STATION SURCHARGE and DAMSON WAY FLOODING

STRATEGY MEETING 25 March 2010

Revised Strategy Report

The representatives from MCA Development constituent members (ie Bovis Homes and Taylor Wimpey) met with the Project Director and Resident Engineer plus representatives from SCDC (Environmental Health and Planning) and Granta Homes on 25 March 2010 to further discuss the strategy for dealing with the surcharging of the Terminal Pump Station leading to the flooding of the surrounding area including properties during periods of heavy or prolonged rainfall. Anglian Water were not available but met separately with the Resident Engineer on 29 March 2010.

The following was agreed:

- 1) It is acknowledged there is a Cambourne wide problem with serious infiltration of clean surface or storm water into the foul sewer system following heavy or prolonged rainfall and the Terminal Pump Station (operated by Anglian Water) is unable to cope.
- 2) MCA Developments and Anglian Water have jointly, since the incident of flooding at the TPS and in Damson Way in August 2009, established and developed a strategy to deal with this issue, identify the causes and instigate appropriate repairs to the foul sewer system.

- 3) MCA Developments and Anglian Water whilst taking the initiative to resolve the issue do not accept responsibility for causing the problem. This cause is to be established only after the ongoing investigation work.
- 4) The current strategy has established the following procedure for the adoptable foul sewer system:
 - i) visual inspection of all adoptable foul sewers
 - ii) review all existing CCTV surveys
 - iii) install flow monitors to identify high flow areas and analyse the results
 - iv) survey or re-survey as necessary all foul sewers
 - v) identify defects and carry out repairs
 - vi) establish an emergency call-out procedure to:
 - a) deploy tankers to pump away the surcharge water at the TPS
 - b) control the discharge from the feeder pump stations operated by MCA during surcharge conditions.
- 5) The meeting agreed the following revisions and additions to the strategy.

Revised item

vi) a) *tankers to be deployed to the TPS AND other pump stations to avoid the concentration in one location.*

New item

vii) *Examine all connections from private property and investigate any high flows after rainfall or whether storm water is reaching the foul system. This is to be achieved with the cooperation of residents.*

viii) *Investigate the practicalities, costs and timescale of the provision of an additional storage tank to be available during storm conditions.*

6) The following timescales were proposed and agreed:

Completion of all investigative works - **mid May 2010**

Completion of all repair works - **end July 2010**

Completion of subsequent re-survey to check system
- **end August 2010**