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**A CASE STUDY IN SUCCESSFUL SEWER NETWORK REHABILITATION WITH UV CURED
CIPP & TRADITIONAL/NON-TRADITIONAL SURVEY TECHNOLOGIES**

Abstract:

This paper will focus on the rehabilitation of over 3 kilometers of pipelines in a waste water network, using UV cured CIPP methods, with reference to a project successfully completed in Ras Al Khaima, the United Arab Emirates.

The project was undertaken by local specialist contractors International Aramoon Co. Ltd (IAC), using the BKP Berolina-Liner, and was part of a wider survey of the 16 kilometers of the network. BKP have co-operated with International Aramoon Co. Ltd (IAC) since 2009, completing the first installation in Saudi Arabia using the Berolina-Liner in the autumn of that year.

Survey of the network was undertaken using a combination of traditional CCTV and Electroscan's state of the art FELL® system. Pipes rehabilitated included PVC pipes with diameters ranging from 200mm to 500mm.

This paper will examine the results of the survey of the networks, the choice of the CIPP methods and the factors that allowed IAC (Emirates), the specialist contractor for the installation, to take advantage of the benefits of the tightly controlled parameters of the curing process using the BKP Berolina-Liner, to meet the local demands.