

BLACKBURN TOWN CENTRE UNSATISFACTORY INTERMITTENT DISCHARGES

Client:

**United Utilities Group
PLC**

Summary:

The project objective was to resolve five unsatisfactory Intermittent discharges (UID's) into the River Blakewater.



PROJECT DETAILS

Works included the construction of a 20m ID 22m deep detention tank as a segmental shaft, 2No. new large RC CSO structures up to 11m deep in temporary sheet piled cofferdams, tunnelled transfer sewers to 1500mm ID & associated shafts / piled pits, open-cut drainage, manholes and all associated MEICA (CSO screens, pumps, rising mains, control equipment, etc). All works were undertaken in an urban area requiring extensive PR activities.

