Stormwater Management Limited were approached by North Midland Construction who were looking for a lining contractor that was fully conversant with SuDS and could mobilise quickly for the phased works.

The ‘Grey to Green’ initiative proposed by Sheffield City Council in 2013 was introduced to expand the boundary of the city centre and incorporated innovative perennial meadows, interlinked sustainable urban drainage systems, rain gardens, public art, high quality paved footways and street furniture.

As part of the project Stormwater Management completed the lining of the concrete check dams. Stormwater Management’s in house engineer selected a 1mm polypropylene geomembrane and Flowtex geotextile for each section of the SuDS cells, which were either fully or part lined. Once lined the check dam’s cells were used to guide water flow towards vegetation that was planted after installation, producing the green effect.