

Project Profile

Urban Greening – Sudbrook Naturalisation

Client: Gloucester City Council

Value: £150,000

**Partner/
Architect:** Gloucester City Council

Duration: 8 Weeks

Introduction

Gloucester City Council secured funding from the European Regional Development Fund to improve/create around 250 hectares of habitat across a number of sites in Gloucestershire. The first of which being the Urban Greening – Sudbrook Naturalisation project. Works commenced in April 2019 and were completed in June 2019 and include 12 months maintenance.

Description of work

The project involved modification to the existing concrete channel and earth bank slopes, creation of flood plain habitat through re-meandering, modification of cross sections and creating a more natural landform. These works included the following key tasks:

- Site clearance and tree protection fencing.
- Excavation and filling of land area including re-modelling of 3000m³ of soil.
- Demolition of reinforced concrete channel.
- Formation of a new stream channel (course and cross section).
- Installation of new header walls and gabion mattresses.
- Creation of flood meadows and an amenity area.
- Improvements to an existing Severn Trent Water attenuation feature.
- Mown paths.
- Grass and wildflower seeding, tree, shrub and aquatic planting along with associated maintenance.



Above: Before.



Above & below: After.

