

Mapledurham Fish Pass

A naturalised fish pass was required by the Environment Agency to improve passage at Mapledurham Weir near Purley on Thames, Berkshire.

With the scheme fully designed the EA were looking for a quick start to ensure that the works would be completed before the onset of winter and rising river and ground water levels.

Several key temporary work requirements namely cofferdams to both inlet and outlet, crane pad and access route across to the working areas, meant engagement with a 3rd party designer prior to mobilisation.

Where the works were originally going to be self delivered by the EA much of the prefabricated materials and piles were provided free issue which gave confidence in switching on the project with a reduced lead in period.

The Thames path public right of way cut through the works site requiring a diversion as well as a temporary vehicle crossing to facilitate the works which included;

- Steel sheet piled and precast concrete inlet structure.
- 130m sinusoidal naturalised channel
- Resting pool and technical fish pass
- Soft engineered outlet structure into 'Scraces' ditch.
- One pedestrian and one vehicular bridge
- Landscaping and wetland grass seeding.

The works were completed and site demobilised before the onset of winter conditions. Landscape maintenance was also delivered for 1 year post completion.



Project Particulars

Client: Environment Agency (South East Hub)
July - November 2021

PROJECT
VALUE:

£600,000