

TMS Maritime is a leading UK specialist in marine civil engineering, ancillary floating plant and diving services

Client: Westcountry Rivers Trust

Value: £187,000

Project: Bridgetown Weir Fishpass

Description: TMS were employed by Westcountry Rivers Trust to:

- Install a Lariner superactive Baffle Fishpass within an existing pool-traverse fish pass channel;
- Excavate and reinforce the outlet pool and the adjacent river bank to accommodate the new fishpass;
- Locally extend the weir toe to bring it in line with the outlet using riprap stone;
- Install a fish chute adjacent to the leat entrance;
- Install a seasonal screen infrastructure and a maintenance walkway;
- Level the entire weir crest to reduce competing attraction flows;
- Appropriately tie in all works to the riverbed and river banks.



TMS took particular care with the safety of the river's biodiversity and ecosystem due to the risk of causing longterm damage without adherence to the strict precautions that we had put in place.

The fish pass was commissioned approximately 6 weeks after starting work on site and, since then, it has successfully facilitated the movement of many fish along the river using both the new pass and chute.

To ensure the success of the job and to avoid any challenges with water levels, the work was completed during the summer months and a temporary dam was installed with a pump to reduce flow.

Due to the remote location of the site on Exmoor, all of the rock was sourced from a local quarry and delivered as close to site as allowable by road transportation before being re-handled using site machinery for placement. Although this added another process in the delivery programme for materials, TMS efficiently and safely conveyed all goods to the site using site machinery.

As access caused significant challenges due the narrow tracks, the new fishpass had to be delivered in modular form and fully constructed onsite.

