

River Pinn Enhancement

Salix designed and constructed a stream enhancement project at a gas pipeline river crossing as ecological mitigation to a degraded reach of stream as part of a major pipeline project.



Salix were asked by Main Contractor Murphy Pipelines to assess a degraded reach of the River Pinn near Ickenham with the goal of enhancing the reach.

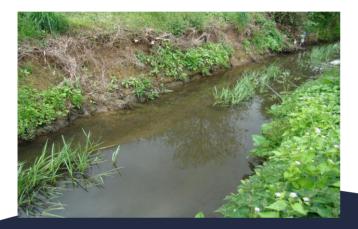
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The channel had been modified previously and was characterised by slow water flow, over deep and ponded with a silty bed and steep banks covered in nettles.

Salix designed and constructed a 40 metre enhanced channel and imported flint reject stone was used to create in-channel features, two riffles and a point bar. The gravel has concentrated the low flows and revived water flow in the reach.









Diverse marginal and bankside vegetation was established using mature pre-established Coir Rolls and Coir Pallets.

Locally harvested tree trunks were used to create a double flow deflector. Additionally, a large backwater was created on line and just downstream of the enhanced reach.

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