

Company: Cemex

Location: Kildavin, Co. Carlow, Ireland

Objective

The Kildavin Stream ran through the sand & gravel pit. However, the Stream sterilised considerable reserves located adjacent to the current extraction area at the time. The Kildavin Stream itself is a spawning ground for salmon adjacent to one of the counties most prestigious rivers, the River Slaney which is renowned for salmon fishing. Objective was to gain access to reserves without impacting on the Stream.

Solution

Divert the Kildavin stream to a new location.
Project was carried out under the guidance of the Eastern Fisheries Board.
Due to the fragile environmental nature of the project, it took some 3 years to design the new river cutting and implement the various bank erosion techniques used by the fisheries board to combat soil erosion and bank stabilisation.
Photographs were taken before and after the project, to determine its success, the finished project had to coincide with the existing area with regards to visual impact, environmental awareness and overall good company practice.
New salmon spawning beds were positioned at regular intervals along the diverted channel
The project was completed before October 15, as this is the cut-off date when salmon start to spawn.

Result

The Kildavin Stream has been successfully diverted to the complete satisfaction of the Eastern Fisheries Board.
The Stream diversion has unlocked previously sterilised sand & gravel reserves.

Partners

Eastern Fisheries Board

