

SECOND TYNE TUNNEL CROSSING NEWCASTLE UPON TYNE

CLIENT BOUYGUES TRAVAUX PUBLICS UK

DURATION 22 MONTHS | **VALUE** £145,000

PROJECT INVOLVEMENT

PROJECT DEWATERING UNDERTOOK TEMPORARY DEWATERING FOR THE TUNNEL APPROACH ON EITHER SIDE OF THE RIVER TYNE.

INTRODUCTION

The North Cut & Cover Tunnel approach was constructed within a diagram wall. 9no x 30m internal Deep Wells were used to depressurise a sub-artesian head in an underlying Sand & Gravel bed.

THE WORKS

Open excavation was not possible in two sections of the South approach due to existing services and cables and SCL was used. Project Dewatering undertook ejector well dewatering of silty Sands at formation level with 35m deep ejector wells either of each SCL section

The contract also involved pumping tests and wellpoint pump & treat of contaminated upper Gravel aquifer using an oil/water separator tank.



**PROJECT
DEWATERING**

A HÖLSCHER WASSERBAU COMPANY

EXTRACT

MONITOR

CONTROL

Call us now on **01473 658807** or email us at **enquiries@project-dewatering.co.uk**

www.project-dewatering.co.uk