



Anvil Point Lighthouse: Durlston Country Park, Dorset. *Site of Special Scientific Interest (S.S.S.I)*



Background

The Anvil Point lighthouse lies within the Durlston Country Park area of Special Scientific Interest. The water supply pipe to the lighthouse runs for 1,000 metres through the heathland of the Park.

The pipe had a leak which needed urgent repair because the water being lost had the potential to cause significant damage to the site. It was essential, however, that any work undertaken should leave this rare and beautiful habitat undisturbed.



Project Description

The pipe was traced and the leak identified. As it was undesirable to excavate a trench, a new length of pipe was installed to bypass the leak using a hydraulic mole. The mole is placed into an entry pit (left) and punches its way underground to the exit pit.

Result

Trenchless techniques minimise excavation and disturbance of the ground. All the works took place in the peak tourist season without having to restrict access or close footpaths.