



## Land Reclamation and Habitat Creation

### Project

St Andrews Road, Avonmouth

### Client

The Bristol Port Company & National Power plc

### Background

Stretching for 1 1/2 km through the industrial heart of the port of Avonmouth, St Andrews Road once presented a grimy mixture of rundown railway land, heavy industry and remnant fields of rough grass, badly polluted with heavy metal contamination.

The Bristol Port Company, in partnership with National Power, wished to improve the landscape of this corridor to enhance its potential as development land.



### Description

Landmark designed a cost-effective robust scheme comprising blocks of native woodland planting, new wetlands and wildflower verges. An extensive network of trial holes and comprehensive testing was required to establish the degree and extent of heavy metal contamination. The top layers of existing soil were removed and a protective layer of limestone was laid before fresh topsoil was imported.

Roofwater from the units was used to increase the existing flow of water to a remnant waterway, while native tree and shrub transplants formed the basis for the structure planting. Two meadow flower seed mixes were used to create wetland meadow and roadside verge habitats.

The resulting growth has been impressive and the scheme has attracted praise from both site users and the local authority. The nationally threatened water vole has colonised the site and is now breeding throughout the corridor.

A management plan has been drawn up and a long term maintenance contract taken out to ensure that the corridor continues to develop both as an attractive landscape and a rich habitat for wildlife.

### Client benefits

A rapid and cost-effective means of realising commercial opportunities, based on sound scientific research and imaginative landscape design.