



FOR IMMEDIATE RELEASE

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Gas pipeline project receives CEEQUAL 'Excellent' Award

The project team for the Harefield to Southall gas pipeline project was presented with a CEEQUAL Excellent Award at National Grid's Gas Transmission Main Works Contractors SHE Forum in Ambergate on 1 June 2010.

The underground, high-pressure, steel pipeline between Harefield and Southall in Middlesex is a National Grid project, designed and constructed by Murphy Pipelines in order to meet energy demand in West London.

Paul de Jong, National Grid Manager for sustainable construction said: "We were keen to benchmark our sustainability performance for the first time on a major construction project and are delighted with our CEEQUAL Whole Project Award. We scored especially high on waste management, which reflects the project team's efforts to minimise material taken to landfill and maximise the use of recycled resources".

The consideration of different materials, construction methods and approaches scored highly in the assessment process as well as leading to overall cost savings, reduction in carbon emissions and waste minimisation. For example:

- By using the excavated clay from 2.5km of underground tunnels to cap a nearby pitch at Hayes Gate Football Club, the project saved an estimated 1,500 lorry movements, and the associated carbon emissions, as well as landfill disposal costs
- Using a specially developed carbon calculator tool to assess different design options, the team built elliptical shafts instead of more traditional rectangular piled shafts or concrete segmental ring shafts, resulting in an estimated carbon saving of around 3,500 tonnes.
- Instead of cement grouting, the team used sand to fill the large-diameter tunnels on the pipeline route. A recycled product made from waste glass was used as an alternative to sand to fill the annulus of the pipejacks. This innovation saved around 5,000 tonnes of embedded carbon.

John Trounson, National Grid senior project manager added: "We are really pleased to receive an excellent award for sustainability considering the many engineering and environmental challenges involved with this project. Finding innovative solutions to these challenges have provided huge environmental benefits as well as proving to be cost effective."

For more information about the project please see http://www.ceequal.co.uk/awards_066.htm.

CEEQUAL is the assessment and awards scheme for improving sustainability in civil engineering and public realm projects. It celebrates the achievement of high environmental and social performance and demonstrates the commitment of the civil engineering industry to environmental quality. CEEQUAL is being promoted by the ICE, CIRIA and a group of committed industry organisations such as CECA and ACE.

For further information about CEEQUAL, please visit www.ceequal.com.

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CEEQUAL – improving sustainability in civil engineering

Scheme & Company Administration: CIRIA,
Classic House, 174-180 Old Street, London EC1V 9BP, UK
Telephone: +44 (0)20 7549 3302 Fax: +44 (0)20 7253 0523
E-mail: enquiries@ceequal.com

Scheme Technical Support: Crane Environmental Ltd,
1st Floor, 1 Claremont Road, Surbiton, Surrey, KT6 4QS
Telephone: +44 (0) 20 3137 2379 Fax: +44 (0)20 8390 9368
E-mail: support@ceequal.com

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THE CIVIL ENGINEERING ENVIRONMENTAL QUALITY
ASSESSMENT & AWARDS SCHEME

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Note to Editors

About CEEQUAL

CEEQUAL is a scheme operated by and for the UK construction industry to promote improved sustainability in project specification, design and construction and to demonstrate the commitment of the civil engineering industry to environmental quality and social performance.

The scheme rigorously assesses performance across 12 areas of environmental and social concern, rewarding projects on which clients, designers and constructors go beyond the legal and environmental minima to achieve distinctive environmental standards in their work.

Applicants for a CEEQUAL Award report a range of benefits from using CEEQUAL as a driver for improvement and having their project assessed. These include:

- Reputation-building and good PR – including delivery of the applicant's environmental, sustainability and/or corporate social responsibility policies.
- Improvements to projects and best practice – ranging from whole-life costing, waste minimisation, resource efficiency (materials, water, energy), to reducing complaints and environmental incidents.
- Demonstrating commitment to the environmental agenda – to clients, within the team and the organisations involved, and to the industry as a whole.
- Enhanced team spirit – developing a positive “we must score well here” attitude and rewarding teams that have gone the extra mile.

Since the Scheme's launch in 2003, more than sixty CEEQUAL Awards have been made. Projects that have achieved an Award are listed on the CEEQUAL website. Currently about 160 further projects are being assessed and the total value of projects that have been or are being assessed is now approaching £15 billion.

For more information about CEEQUAL please visit www.ceequal.com.

CEEQUAL PR Contacts:

Betti Moser

betti.moser@ceequal.com

Tel: +44 (0)1242 523 884

Mobile: +44 (0)7802 322127

Dana Carouba

dana.carouba@ceequal.com

Tel: +44 (0) 20 7253 0523