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North West Regional Group & CL:aire

Meeting

Thursday 21th May 2015

LNAPL and Fate in the Subsurface An Illustrated Handbook

In December 2014, CL:AIRE published the LNAPL Illustrated Handbook, the eagerly awaited companion document to the Environment Agency's DNAPL Handbook. The LNAPL Illustrated Handbook presents best-practice guidance for the assessment and remediation of light non-aqueous phase liquids (LNAPLs) in the subsurface. LNAPLs notably include fuels and oils, for example petrol (gasoline), diesel and heating oils, and are amongst the most commonly encountered organic contaminants in the subsurface environment due to their ubiquitous use, accidental release and, perhaps, poor (historical) disposal.

The LNAPL Illustrated Handbook provides a blend of technical detail and real world conceptualisation of the LNAPL problem and appropriate methods to investigate and manage it. The handbook also facilitates access to a wealth of detailed research, guidance and case study literature within the various topics covered. It will be useful to the practitioner and research communities, and also provide a valuable educational resource to others having a less direct interest or specialised knowledge.

The LNAPL Illustrated Handbook was funded by Shell Global Solutions (UK) and comprises the work of multiple authors from universities and environmental consultancies in the UK, USA and Canada.

CPD: These events may be considered for contributing to a recognised Continuing Professional Development (CPD) scheme as part of personal development. Delegates should check their individual scheme requirements.

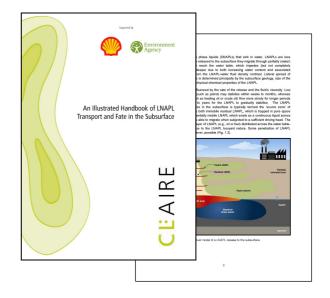
Organised jointly by the North West Regional Group of the Geological Society of London and CL:aire. For further information contact the Group Secretary, Nik Reynolds at:

geologicalsociety.northwest@gmail.com

The lecture will start at 6:30pm sharp.

Venue: Williamson Lecture Theatre, Manchester University, Oxford Road, Manchester

CEAIRE



Mr Jim Wragg BSc (Hons), MSc, FGS

Jim is a principal contaminant hydrogeologist with Geosyntec Consultants. He has over 25 years' experience directing and managing projects to investigate and remediate land impacted by our industrial heritage. His work has included projects located across the UK, mainland Europe, the Middle East, Africa and South America. He has been involved in numerous projects where the characterisation and recovery of LNAPL has been a central aim of the work. They have included projects involving a broad spectrum of geological settings from granular drift deposits to fractured bedrock impacted by both high and low viscosity LNAPL products and mixtures. Successful outcomes to these projects require a clear understanding of LNAPL distribution fate and transport in the subsurface environment. The talk will cover each of the main topics within the LNAPL handbook and will draw upon real examples to illustrate key concepts.

Download of the handbook is free from:

http://www.claire.co.uk/index.php?option=com_phocadownload&view=file&id=453&Itemid=230