Drinking Water Safety Plans

About the event:

Drinking Water Safety Plans are a risk based management approach to the provision of safe and secure drinking water supplies. This talk will present:

**Background** to the origins of Drinking Water Safety Plans (DWSP) and requirements for their development from the following:-

- *WHO Guidelines for Drinking Water Quality*
- *WHO Water Safety Plan Manual*
- *The Bonn Charter*
- *EPA Guidance for Local Authorities on developing Drinking Water Safety Plans*

**The reasons and benefits** of developing a DWSP are explained.

**An explanation of the steps** that need to be taken when preparing a DWSP, through use of the WHO Manual, including:-

- Selecting the Team and the skills required to develop the plan
- Information needed to describe the drinking water system (Source to Tap)
- Hazard Identification & Risk Assessment
- Identification and Monitoring of Control Measures
- Requirement for Improvement Plans
- Establishment of Procedures
- Development of Supporting Programmes
- Review and Audit process

Details of the on-line resources available to assist WSA’s in the preparation of DWSP will also be provided.

Event details:

**Date:** Tuesday 6th March 2012

**Time:** 18:30 Tea & Coffee served, Lecture at 19:00

**Venue:** Rochestown Park Hotel, Cork

For further details on this event, check out our community calendar in the members area of the website (www.engineersireland.ie) or alternatively visit the Cork Region website

Biography – Robert Kennedy, Associate, RPS

Robert Kennedy is an Associate with RPS Consulting Engineers and has been working in the water sector in Ireland and the UK for over 20 years. He has a wide range of experience through design, construction and operation of water and wastewater treatment facilities. Having been involved in the operational management of both municipal and industrial treatment facilities and coupled with his design and construction experience he has a unique understanding of the issues and challenges associated with the provision of a high quality water service. He has developed methods for the preparation of operational management plans specific to water and wastewater treatment, which are intrinsically linked to the maintenance of quality performance. He has also prepared methodologies for water and wastewater project risk assessment for use in DEHLG guidance notes published in 2006 for the assessment and review of PPP projects in the water and wastewater sectors. More recently he has prepared and delivered training courses on quality assurance in water and wastewater treatment