

Module 3: 10-12 May 2011

Module themes (module led by Peak Associates Environmental Consultants Ltd)

Site selection: using and commissioning Phase 1 and Phase 2 investigations

Phase 1: Assessment of potentially suitable sites for a new energy from waste plant

Phase 2: Preliminary quantitative investigations

The planning application

How the planning system functions

Strategies for addressing environmental issues relating to planning & permitting

Case studies and workshop

Introduction to the Environment Agency (EA) and Environmental Permitting

An overview of the Environment Agency (The Regulator) and its powers

Key features of standard and bespoke Environmental Permits

Discussion session with The Regulator

Practical experience from submitted and operational Environmental Permits

Case study: Viridor's MSW incinerator, Bolton

Monitoring, reporting and compliance

Introduction to Environmental Management Systems

What is an environmental management system?

Identification of legal requirements

How to carry out a site audit (site visit to Orchid Environmental's plant at Huyton)

Site Visits

1. Orchid Environmental, Huyton (commodity recovery, SRF production from residual waste), or
2. United Utilities, Lancaster (waste water treatment works using anaerobic digestion with enhanced enzymic hydrolysis).