



*renew*W

...inspiring sustainable futures

Brian Forster

Environmental Technologies Specialist

23rd October 2008

SITE WASTE MANAGEMENT PLANS

- Background
- Drivers
- Awareness
- Legislation
- The Regulations
- How will SWMPs help 2012?

From Innovation to Commercialisation

BACKGROUND TO SWMPs

- **2004: Cabinet Office Inter-departmental Fly-Tipping Prevention Group**
- **2004: SWMP Voluntary Code of Practice**
- **2005: Clean Neighbourhoods and Environment Act 2005**
- **2006: Code for Sustainable Homes cat.5**
- **2006: Scope broadened to include waste minimisation**

From Innovation to Commercialisation

DRIVERS

DRIVERS

1.Fly Tipping

- £50m/Year
- 40% Construction
- Organised Crime

2.Resource Efficiency

- Landfill Tax
- Less Void Space
- 109m Tonnes Waste Annually
- 13m Tonnes Unused Materials



From Innovation to Commercialisation

AWARENESS

- **2006/2007 awareness raising Envirowise/WRAP workshops**
- **April 2007 mandatory SWMPs postponed**
- **April – July 2007 consultation period**
- **Late 2007 amendments based on feedback**
- **Jan/Feb 2008 *CE WORKSHOPS***
- **March 2008 Further Envirowise workshops**
- **6th April 2008 LAW!**

From Innovation to Commercialisation

LEGISLATION

Understanding waste legislation and how it relates to SWMPs

Duty of care - your waste responsibilities

- **Waste handled safely**
- **Applies to anyone who imports, produces etc.**
- **Check Authorisation of person**
- **If you don't your responsible**

From Innovation to Commercialisation

LEGISLATION

People dealing with waste include:-

- **waste contractors**
- **scrap metal merchants**
- **recycling** companies
- your **local council**
- **skip hire companies.**

From Innovation to Commercialisation

LEGISLATION

Waste Transfer Note should contain.....

- Details of Producer
- Types and Quantities (EWC)
- Waste Carrier/Broker Registration
- How waste is contained
- **Signed** by you and the operator

From Innovation to Commercialisation

LEGISLATION

Records

- You must **keep** copies of all WTNs for at least **two years**.
- This is **your record** of the **type** and **quantity** of waste you transferred, how it was **packaged**, **when** you transferred it, **where** it went and **who** you transferred it to.

LEGISLATION

Audits (Optional)

- Periodic **checks** (audits) will help you to ensure that your wastes are handled correctly from the moment they leave your premises to the final point of disposal or recovery, and **prove** that you are complying with your duty of care.
- These could form part of an Environmental Management System and SWMP.

THE REGULATIONS

DEFINITIONS

- CLIENT
- CONSTRUCTION SITE
- CONSTRUCTION WORK
- PRINCIPAL CONTRACTOR
- PROJECT

From Innovation to Commercialisation

VALUE

- Cost between £300 000 and £500 000 requires a basic SWMP
- Cost over £500 000 requires a detailed SWMP

PRE CONSTRUCTION

Requirements

- Client, PC and person drafting SWMP
- Site location and estimated cost
- Record waste minimisation decisions
- Describe waste types
- Estimate waste quantities
- Identify actions including waste hierarchy
- **DECLARATION !**

From Innovation to Commercialisation

UPDATING

- Different requirements for each category

£300 000 - £500 000

- Waste contractor
- Types of waste
- Site
- ***Within three months of completion***, confirmation that the plan has been regularly monitored and an explanation of any deviation from the plan

From Innovation to Commercialisation

UPDATING

Over £500 000

- Waste contractor, waste carrier reg.
- Types of waste including written description
- Site including permit/licence
- Monitor the plan regularly, including comparison with pre construction estimates
- Update the plan to reflect the progress
- Review the plan periodically
- ***Within three months of completion.....***

From Innovation to Commercialisation

Within three months of completion.....

- Confirm that the plan has been monitored regularly
- Compare estimated quantities with actual
- Explain any deviations
- Estimate cost savings achieved by the plan

ADDITIONAL DUTIES

“As far as is reasonably practicable”

From Innovation to Commercialisation



ADDITIONAL DUTIES

Principal Contractor

- Ensure co-ordination and co-operation among contractors
- Every worker is inducted and trained in SWMP procedures
- PC and workers co-operate in managing waste in accordance with the SWMP
- Ensure that waste is reduced, reused or recycled

From Innovation to Commercialisation

ADDITIONAL DUTIES

Client

- Give reasonable directions to PC to enable the PC to comply with the Regulations

Client and Principal Contractor

- Review, revise and refine SWMP so that changes in roles and responsibilities are communicated
- Take reasonable steps to ensure that sufficient security measures are in place to avoid illegal disposal of waste from site

From Innovation to Commercialisation

THE GOAL: HALF CONSTRUCTION WASTE BY 2012

How will SWMPs help achieve this?

1. Improve availability of waste data “measure to manage”
2. Highlight opportunities to design out waste
3. Enhance methods of managing waste
4. Improve quality of recyclable material (segregation)
5. Create a culture shift in how we address waste
6. Raise the profile of waste production in the construction process

From Innovation to Commercialisation