

Option 2. Site Model



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Introduction

- 'Site' based approach to charging.
- Site specific 'score' – additive based on regulated activities at site.
- Score based primarily on a combination of scale & complexity.

Combination of elements

Site Hazard Score (y) (a+b+c+...=y)
BASE CHARGE (£x)

CHARGE = (x * y)

Example Factors

Scale	Complexity	Waste Handling
Extremely Large 5 (on international scale)	Complex 5 (highly variable)	Daily 5
Medium 3	Complex 3 (some or no variability)	Weekly 3
Small 1 (nr de minimus not threshold based)	Simple 1	Monthly 2
		Infrequently 1
		N/A 0

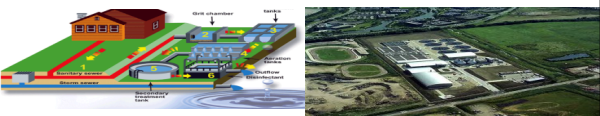
a + b + c = y

Example 1 – Coal fired power station



- Extremely large
- Complex – highly variable
- Multiple emission lines
- High charge score

Example 2 – Sewage Treatment Works



- Medium scale
- Complex (no-limited variability)
- Water only emission stream
- Average charge score

Example 3 – In vessel composting



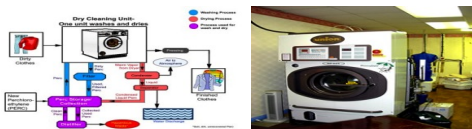
- Medium scale
- Complex (limited variability)
- Multiple emission streams
- Above average charge score

Example 4 – Hydropower



- Medium scale
- Simple process
- Abstraction/return only
- Below average charge score

Example 5 – Dry Cleaners



- Small
- Simple process
- Emission to air only
- Low charge score

Advantages

- Relatively simple & easy to use
- Flexible based on what goes on at site level
- Stable & predictable once calculated
- Risk based

Disadvantages

- Limited ability to capture environmental impact or improvements made
- Possibly large variability across a Sector