

## **ENVIRONMENTAL PERMIT (BESPOKE) APPLICATION**

### **NON-TECHNICAL SUMMARY (Ref. B2/5c)**

**MEKATEK LIMITED, UNIT C, MAERDY IND., EST. SOUTH, RHYMNEY, NP22 5PY.**

#### **INTRODUCTION**

1. This Environmental Permit (EP) application is submitted to Natural Resources Wales (NRW) by Mekatek Limited in support of a new bespoke permit to be based at the above location.
2. Permission is being sought for a new waste management facility in order to process a variety of solid/dry waste streams in order to sustain the waste hierarchy. This will take the form of occupation of a recently acquired building positioned within an industrial site with existing B2 planning permission and installing various items of plant/equipment.
3. Activities proposed consist of the following activities selected to be performed on the following wastes types – WEEE, Plastics, commercial fridges (after degassing), use of glass to manufacture products possibly in conjunction with Quality Protocols and combined with other potential commodity trading opportunities:
  - Flail separation,
  - Shredding,
  - Granulating,
  - Grinding,
  - Shearing,
  - Sawing/Cutting,
  - Compacting,
  - Screening,
  - Crushing,
  - Dismantling,
  - Baling,
  - Separation,
  - Grading,
  - Magnetic data erasure,
  - Sorting – (manual, automatic, size, constituents etc.) and in conjunction with disposal & recovery codes as per the application.
4. The site currently has a number of exemptions registered to allow waste operations to be set up and operated pending the EP being approved and issued.
5. The proposed EP is necessary as the above activities only allow limited activities relative to the Company's intention to operate a waste transfer station and processing facility and will allow a greater range of recyclable wastes to be accepted and processed.
6. The overall site operation would include mixed recyclable materials including commodities to be sorted, separated, segregated, bulked and/or processed for onward treatment/use elsewhere via the use on on-site plant and equipment.

7. Waste types would be included within the EMS and principally based on those acceptable under equivalent SRP operations and exemptions with due regard to volumes/tonnages which may be processed, stored etc. under these respective approvals.
8. Thus the EWC codes applied for would also include recovery of waste types including some hazardous wastes such as batteries, fluorescent tubes, WEEE in addition to a range of non-hazardous waste types including glass, scrap metals etc.
9. These various processed materials are then stored within separate areas and/or stockpiles depending upon their selected end use prior to being moved off site.  
Waste deemed and defined as products under Quality Protocols are also stored pending their use/off site transfer. These operations will also be more clearly defined/explained within the full EMS to be developed after EP issue/approval.
10. The current site/location had been previously used by a manufacturing company and a report issued on previous site usage has been included within the Site Condition Report (SCR) document.
11. The site is not reported to lie within any SSSI and/or habitats areas and believed not above any aquifer (SPZ), with these both being reflected within the Operator Risk Appraisal (OPRA) assessment form, included with the application (see site plan).
12. The location of the TS operation can be observed upon the site location plan/drawing included within the application and the area outlined upon it by the mandatory green boundary.
13. From this plan the environmental risk assessment (the link between hazard and receptor and mitigating controls) has been included within the application based upon NRW/EA documents applicable to those operations proposed at this location and in line with any applicable H1 guidance as outlined below. This includes:
  - No point source emissions,
  - No adverse impact from any noise emissions,
  - No adverse impact from any potential dust emissions,
  - No adverse impact from odour sources
14. However in order that any potential accidents/incidents e.g. dust, odours, spillages etc. are addressed within the Environmental Management System (EMS), with some NRW/EA forms etc. duplicated from the approved Guidance.
15. The EMS describes both the operational and management techniques/operations performed at this location supported by the following:
  - Waste types (EWC) and acceptance (Duty of Care) etc,
  - Site records and reporting forms/diary,
  - Accident reporting and management,
  - Emergency plans.