

## **Non Technical Summary** **Application to vary permit AP3199VG**

### **Introduction**

Grab and Deliver Limited has an environmental permit EPR/AP3199VG, which is permitted to operate a standard rules permit SR2008 No1 75, this permit was issued on 20<sup>th</sup> March 2009, and then subsequently varied to delete all conditions of standard rules permit 2008 No 1 75kte and replace with standard rules permit 2008 No 3 75kte, which was determined on 11<sup>th</sup> February 2010. Grab and Deliver pride themselves on their unblemished record.

Currently, clean mixed inert waste streams are loaded into a hopper, where they are mechanically treated on a trommel / vibrating screen, which can take up to four separate treatment processes or passes through the current system.

This is the waste stream that will undergo further treatment under the variation.

### **Variation**

We would like to apply for a substantial variation to our standard rules permit to add a soil washing plant to our process. This will allow us to recover a far greater percentage of materials from the waste, working towards wrap quality protocols for the various fractions of material which are produced from the wash plant, and subsequently reduce the proportion of material we send to landfill.

### **The process**

All waste will be loaded into the wash plant, which will be located within the building marker on G&D8 with a red \* where it undergoes a fully automated journey.

- **Clean (inert) waste stream:** the washing process will allow us to separate and recover sands, gravel, stones and clay. We will apply the WRAP Quality Protocol to these materials to create a non-waste product.

- **Dirty (mixed) waste fines:** the washing process will also enable us to separate the above materials. They will either be categorised as 19 12 09 (minerals), 19 12 12 (aggregates, soil substitute) **OR** we will seek to apply the end of waste test to these materials where appropriate with associated testing (in line with the quality protocol) and legal certification.

NB All inputs will have a Loss of Ignition <3% meaning they are class as qualifying fines under the Landfill Tax Order 2011 and will strictly be inert.

Both scenarios above will enable us to recover a greater amount of aggregates from mechanically treated waste.

**Outputs (in brief)**

- a small metal fraction.
- several grades of stones, gravel and sand (aggregates).
- a final silt-like fraction (press) which will go to landfill However, further analysis of this material will be undertaken once operational.

The application is as follows:

**1. Apply to add new treatment process.**

Table S1.1 allows physical treatment including manual and mechanical sorting / separation, screening, and bailing of non-hazardous waste for disposal or recovery.

***However it doesn't include a washing activity.***

Local Environment Officer (Mark O'Brien) has been liaising with Thomas Dunn and Peter Barrass at Grab and Deliver, regarding this variation. Lindsey Godfrey of Bramble Environmental Ltd, representing Grab and Deliver has liaised with Permitting Officer (Helen Ducrotoy) with regards to pre application advice, It was concluded that this would incur a Substantial Variation Physical Treatment of Non Hazardous Waste (see section 1.16.12 of the table of charges) The fee for this being £7137.00

The proposed wash plant supplier has provided a Noise Impact Assessment, for the same plant, which has been installed at an alternative facility in the Durham area, which has been submitted as part of this application as a reference only. However, we believe that a noise impact assessment for this facility is not needed given that the plant will be located within a building which will offer noise abatement.

**END**