

APPENDIX G

Non-technical Summary

The application is to vary the existing Environmental Permit GB3038RR (treatment of waste to produce soil, soil substitutes and aggregate up to 75,000t/y) to add an additional activity.

The additional activity is the acceptance and treatment of waste type 20 03 03 (street-cleaning residues) at the Netherhills Transport Yard site to produce waste type 19 12 09 (minerals (for example sand, stones)) for recovery as a recycled aggregate.

The applicant is Moreton C Cullimore (Gravels) Limited (MCC).

The Environmental Permit variation application also provides for a new Environmental Permit area boundary (See Drawing No. CULSWEEP2001-1).

Under the existing Environmental Permit, MCC produces a range of high quality secondary aggregates in accordance with the WRAP Quality Protocol (Aggregates from inert waste), MCC's Factory Production Control Quality Manual (see Appendix C(ii)) and specification requirements BS EN 13242 (Aggregates for unbound and hydraulically bound materials for use in civil engineering work and road construction) and BS EN 13285 (Unbound mixtures. Specifications).

The application for the additional activity takes account of:

- Environment Agency Guidance (Recovery of Street Sweepings and Gully Emptyings – Guidance for waste authorities) which indicates in Section D6 that *'if the waste has undergone mechanical treatment that changes its characteristics to a Chapter 19 coded waste type that can be accepted under standard or bespoke permits, then it may be possible to be recovered for use as a soil substitute or aggregate'*.
- Appendix C of the WRAP Quality Protocol (Aggregates from inert waste) which indicates that waste type 19 12 09 can be accepted to meet the protocol requirements.

The 20 03 03 waste to be accepted at the Netherhills Transport Yard site will be street sweepings collected by Moreton C Cullimore (Gravels) Limited (MCC) from local construction development sites to which MCC supplies aggregate and/or for which MCC provides a muckaway service, and will principally comprise sand and grit. The 20 03 03 waste will be received at the site in accordance with the waste reception procedures set out in MCC's Factory Production Control Quality Manual (see Appendix C(ii)).

The 20 03 03 waste will not include gully emptyings.

The 20 03 03 waste will be received at the site in sweeper lorries, each containing up to 3-4t of waste. Typically, up to 3 No. sweeper lorries a day will arrive at the site, 50 weeks a year.

The 20 03 03 waste will be tipped at the tipping bay. The tipping bay system comprises a fully contained series of interconnected concrete bays and a water collection tank. All water drainage in the tipping bay system is fully contained, collected in the tank and re-circulated to the concrete batching plant.

The 20 03 03 waste when received will be damp (not liquid) due to the sweeper lorry dampening down system employed during the sweeping operation.

The tipped 20 03 03 waste will drain within the tipping bay system. Treatment of the 20 03 03 waste will then involve excavation from the tipping bay and dry screening in the aggregates recycling area to produce a waste type 19 12 09 which will then undergo further screening and blending for recovery as a recycled aggregate. The recovered recycled aggregate will be tested in accordance with the waste materials testing procedures set out in MCC's Factory Production Control Quality Manual (see Appendix C(ii)).

Drawing No. CULSWEEP2001-2 shows the locations of the tipping bay system and the aggregates recycling area and Drawing No. CULSWEEP2001-3 provides a process flow diagram. The tipping bay system at the site is also used separately to tip and recover concrete waste type 10 13 14 received from the concrete batching plant and from returning concrete mixer trucks.

The activity will be managed by staff having the appropriate level of technical competence with relevant qualifications gained from one of the accepted industry schemes.