
Non Technical Summary - October 2018
Montcliffe Quarry Aggregate Recycling Facility, Horwich, Greater Manchester

The Arley Consulting Company Ltd (TACCL) has been commissioned by Armstrong Aggregates Limited to submit an environmental permit application for treatment of 75,000 tonnes of inert waste to produce soil, soil substitutes and aggregates at the Montcliffe Quarry, Horwich, Greater Manchester.

The quarry is situated approximately 2 km from the centre of Horwich and approximately 7 km from Bolton. The proposed site is currently quarried by Armstongs Aggregates Limited and comprises a partially worked out area of the quarry. The quarry is currently used for the extraction of high quality sandstone/gritstone and various ancillary crushed rock aggregate specifications.

Montcliffe Quarry is located adjacent to the West Pennine Moor Site of Special Scientific Interest (SSSI) and within the Winter Hill & Smithills Moors Site of Biological Importance (SBI). Pilkington Quarry, also operated by The Armstrong Group, is located adjacent to the south-eastern boundary.

Waste operations will be conducted in a semi-enclosed area in the central part of the quarry. Treatment will comprise one or more of: sorting, separation, crushing, screening, washing and blending of imported waste for recovery as a soil, soil substitute or aggregate.

The environmental risks associated with waste processing activities have been considered and mitigation measures have been proposed to reduce the risks to an acceptably low level. The primary hazards have been identified as dust, noise, surface water run-off and accidents. All mitigated risks were determined to be low or very low. Mitigation measures will be implemented through the EMS via procedural controls.