

Permit with introductory note

The Environmental Permitting (England & Wales) Regulations 2010

WCL Quarries Limited

Cranebrook Quarry Landfill
A5 Watling Street
Brownhills
Staffordshire
WS14 0BD

Permit number

EPR/AP3636MD

Cranebrook Quarry Landfill

Permit Number EPR/AP3636MD

Introductory note

This introductory note does not form a part of the permit

The main features of the permit are as follows.

This is a permit to operate a landfill situated near A5, Watling Street, Brownhills, Staffordshire (Grid reference SK 407030 306450). The Operator of this landfill is Walsall Concrete Limited. The site has valid planning permission for the infill of the quarry with inert waste.

Cranebrook Quarry Landfill site is an operational quarry for extraction and sale of sand. The area covers approximately 3.6ha, with 1.75 ha already extracted. This area forms Phase 1 of landfilling. A further 1.85 ha will be extracted in the future, east of Phase 1 to form Phase 2 of landfilling.

Phase 1 is underlain by Wildmoor Sandstone Formation and Phase 2 by Wildmoor Sandstone and Bromsgrove Sandstone Formation. The whole site requires an engineered geological barrier and this will be constructed using imported material to produce a 1 metre thick barrier with a permeability of 1×10^{-7} m/s.

Groundwater flow is north westerly and there is 2-5 metre unsaturated zone beneath the site. To ensure the integrity of the site groundwater monitoring is required in 5 boreholes.

Crane Brook runs 10 metres away from the installation boundary and therefore surface water monitoring is a requirement of the permit.

The waste disposed of at Cranebrook Quarry Landfill do not contain any biodegradable matter and therefore landfill gas generation is unlikely. However, gas monitoring is required to ensure that the site is only receiving waste acceptable for inert landfill. This is also ensured by the waste acceptance criteria and testing for an inert landfill.

The waste has the potential to generate dust emissions, but this is minimised by dampening and other measures. The site is also surrounded by hills and trees that make effective dust screening. Dust is monitored on a daily basis.

There are no Habitats or SSSI sites within 2 km of the site.

The status log of the permit sets out the permitting history, including any changes to the permit reference number

Status Log of the permit

Detail	Date	Comments
Application AP3636MD	Received 23/07/07	
Response to request for Information	Requested dated 10/01/08	Response dated 23/01/08
	Request dated 06/02/08	Response dated 06/02/08
Request to extend determination	Request dated 29/11/07	Request accepted 04/12/07
	Request dated 04/04/08	Request accepted 07/04/08
Permit determined	19/06/08	
Received notification of change of company name	21/10/10	
Issue of updated permit pages to show change of company name	23/11/10	

End of Introductory Note

Permit

The Environmental Permitting (England and Wales) Regulations 2010

Permit

Permit number
EPR/AP3636MD

The Environment Agency hereby authorises, under regulation 13 of the Environmental Permitting (England and Wales) Regulations 2010

WCL Quarries Limited ("the operator"),

whose registered office is

**4 Parkside Court
Greenhough Road
Lichfield
WS13 7AU**

company registration number **5851648**

to operate waste operations at

**Cranebrook Quarry Landfill
A5 Watling Street
Brownhills
Staffordshire
WS14 0BD**

to the extent authorised by and subject to the conditions of this permit.

Name	Date
[Redacted Name]	23/11/10

Authorised on behalf of the Environment Agency