

ATTACHMENT C.5

TYPES AND QUANTITIES OF WASTE DEPOSITED

APPLICATION TO THE EPA FOR A CERTIFICATE OF AUTHORISATION

FORMER MUNICIPAL HISTORIC LANDFILL

POTTLEBOY

COOTEHILL

CO. CAVAN

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Types and Quantities of Waste Deposited

It is understood that waste disposal began at the site on 30th August 1967. A variety of wastes may have been deposited, including Municipal Solid Waste (MSW) and Construction and Demolition (C&D) wastes. The landfill was finally closed on the 19th April 1985.

The waste comprised mainly of plastics, paper, glass, metal and textiles all of which were supported by a stony clay matrix. No datable material was unearthed during the trial hole excavations. Hazardous waste in the form of Asbestos was discovered in one trial hole (Trial Hole 10) Full trial holes assessment and logs can be found in Appendix A of the Tier 2 Assessment.

It is assumed that the stony clay was used as cover material when the site was operational, but no distinct layers were noted. The nature of waste observed is typical of municipal waste that has been buried for more than 20 years and which has undergone considerable biodegradation.

Waste was encountered in 19 of the 25 trial holes excavated. Trial Holes TH1, TH2, TH3 TH4, TH5, TH6, TH7, TH8, TH9, TH10, TH11, TH12, TH13, TH14, TH15, TH22, TH23, TH24 and TH 25. The site is bordered by Drummarket housing estates to the South and the Community Crèche to the north-west. The site is bordered to the east and west by agricultural land. The site is easily accessible to the public at present along the southern and western boundary, as no boundary fencing is in place. A hedgerow & tree line delineates the northern and eastern boundary.

There was no waste encountered in the trial holes (TH16, TH17, TH18, TH19, TH20 and TH21) excavated in the most easterly aspect of the site. The most extensive quantities of waste were encountered towards the west and central area of the site which is the most elevated. The waste extends from the westerly boundary (TH 1 & TH 2) to the top of the slope (TH 14 & TH 15) in a easterly direction. Negligible quantities of waste were found outside this area.

The area of the site where waste was deposited covers an area of approximately 1700 m². It is estimated, that approximately 4488 tonnes of waste is deposited at the site.