

ATTACHMENT C.5

TYPES AND QUANTITIES OF WASTE DEPOSITED

APPLICATION TO THE EPA FOR A CERTIFICATE OF AUTHORISATION

FORMER MUNICIPAL HISTORIC LANDFILL

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Waste Body Description

It is understood that waste disposal began at the site in 1972. A variety of wastes may have been deposited, including Municipal Solid Waste (MSW) and Construction and Demolition (C&D) wastes. It is alleged that the site was used for dumping industrial waste. The site employed the method of dump and burn which was common at dump sites in the 1970s -1980s, and was finally closed in 1989.

During site investigations the waste encountered comprised a mix of plastic and glass bottles, occasional empty flattened steel drums, empty plastic drums, concrete pipes, steel, papers, tyres, tyre tubes, wire, end of life vehicles, vehicle parts, municipal waste, timber and trees, all of which were supported by a stony clay matrix. It is assumed that the stony clay was used as cover material when the site was operational, but no discrete layers were noted. No datable materials (newspapers, stationary) which could be used to establish the age of the waste was found. There was evidence of a significant amount of potentially hazardous waste (e.g. oils), staining or odours. 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.

The North-eastern extent of the landfill was defined by a hedgerow and watercourse/drain which separates the site from the adjacent agricultural land. Wastes were encountered in 18 trial holes (TH1 – TH18), but were not found in the three trial holes (TH19, TH20, TH 21) to the Southeast of the landfill. The waste extends from the local road on the Southwestern boundary to the fence on the North-western boundary. The lateral extent of the waste is shown in drawing No. 10-198-011, and covers an area of ca 8,589m². It is estimated, that approximately 18,900 tonnes of waste is deposited at the site.