
Application for Permit Variation

Permit N° 53997 (New Tip)

Document NTPV 01 (C4)

Waste Type to be excavated & treated

urbanspringside

FILENOTE

Springside Mills, Belmont: New Tip (EA Environmental Permit N° 53997)

Supporting Information for Application to Vary Permit Condition

Waste Type to be excavated & treated: “de-inking sludge” (03 03 05) / “sludges from on-site effluent treatment other than those mentioned in 03 03 10” (03 03 11);

Justification:

Smith Grant LLP report “Closure Plan” reference R1635-R08-v6, November 2017 details the proposals for restoration of the ‘Old Tip’. This includes the complete removal of effluent treatment sludge currently stored within the adjacent New Tip (EA WML 53997) and treatment by cement solidification of this to produce a suitable substrate for use in the restoration of the ‘Old Tip’. This process produces a suitable low-density and chemically and geotechnically stable substrate for use on the soft and waterlogged surface of the ‘Old Tip’ to raise levels to enhance drainage of gas and surface water and is a substitute for the requirement to import inert cover material.

The untreated ‘New Tip’ waste is classified as “de-inking sludge” (03 03 05); the estimated volume before and after excavation and treatment is ~3,000m³.

The treatment will be effected within the ‘New Tip’ under a variation to Permit EPR/EB3704LN & a deployment notice (*ref. EB3704LN/W0001*) for specialist contractor Urban Soil Solutions Ltd.

The treated waste to be transferred to and placed on the ‘Old Tip’ is sufficiently transformed to justify a new waste description of “solidified waste not including hazardous substances” (19 03 07). This is the only waste to be placed on the ‘Old Tip’ and is integral and essential to the restoration of the ‘Old Tip’ and creation of a methane gas management system for the site. The cement-solidified waste is not expected to generate any significant emissions but will be placed over the existing landfill body where emissions of leachate and landfill gas have been, and will continue to be, monitored until such time as the permit is surrendered.

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