

# Annex B4A

## *Deposit for Recovery (DfR) Permit Application by Mick George Limited. Supporting information to Form B4*

### 1. Form Reference: Table 1a

For further information ('extra detail') on the application please refer to:

- » The Non-Technical Summary provided in response to Question 5c of Form B2;
- » Chapter 2 (Earthworks Proposals) and Section 3.3.2.2 (Engineering of Landscape Bunds) of Hydrock Report 18443-HYD-XX-XX-RP-GE-3004-S0-P03; Land adjacent Halden's Parkway, Thrapston. Waste Recovery Plan.

### 2. Form Reference: Table 1b

The following is a list of wastes to be recovered from the landfill for re-use in accordance with the waste recovery plan reference above. The list is an estimate based on landfill waste returns. Any non-compliant wastes will be set aside for off-site disposal.

Waste Code	Description	Quantity
17 01 01	Concrete	5%
17 01 02	Bricks	5%
17 01 03	Tiles and ceramics	5%
17 011 07	Mixtures of the above	25%
17 05 04	Soil and stones	60%
		300,000 tonnes in total

### 3. Form Reference: Table 3a (Technical Standards)

#### Soils treatment and Deposit for Recovery

The technical standards are bespoke to the operations being undertaken and the following appended documents contain the relevant specifications:

*Hydrock Report reference 18443-HYD-XX-XX-RP-GE-3004-S0-P03; Land adjacent Halden's Parkway, Thrapston. Waste Recovery Plan*

*Hydrock Report reference 18443-HYD-XX-XX-RP-GE-4001-S4-P02; Land adjacent Halden's Parkway, Thrapston. Geotechnical Design Report*

*Hydrock Report reference 18443-HYD-XX-XX-RP-GE-3004-S2-P01; Land adjacent Halden's Parkway, Thrapston. Detailed Quantitative Risk Assessment for Impact of Recovered Waste on Controlled Waters.*

*Hydrock Report reference 18443-HYD-XX-XX-RP-GE-3001-S2-P01; Land adjacent Halden's Parkway, Thrapston. Remediation Strategy and Verification Plan - Enablement Phase*

Leachate Management:

Whilst site investigation results indicate that leachate is present in the landfill, hydrogeological conditions (compacted and poorly sorted material with a significant silt and clay content) are such that the fluid volume is expected to be small. As landfill excavations progress, temporary sumps will be formed to capture leachate and run-off from incidental rainfall.

The waste treatment area will feature an impermeable base and fitted with drainage to prevent uncontrolled run-off.

Water from both sources will be collected, stored, tested, treated, and either re-used (e.g., for dust suppression) or disposed of to an appropriate facility

#### 4. Form Reference: Table 3b (General Requirements)

Document references as follows:

Requirement	Response/Reference
If the TGN or your risk assessment shows that emissions of substances not controlled by emission limits are an important issue, send us your plan for managing them	<ul style="list-style-type: none"> <li>» Technical Design Note 23880-HYD-XX-XX-RP-GE-5004 (Pollution Emissions Plan)</li> <li>» Technical Design Note 23880-HYD-XX-XX-RP-GE-5007 (Emissions Monitoring Plan)</li> <li>» Drawing 23880-HYD-XX-ZZ-DR-GE-1022 (Monitoring Plan (Drawing))</li> </ul>
If the TGN or your risk assessment shows that odours are an important issue, send us your odour management plan	<ul style="list-style-type: none"> <li>» Technical Design Note 23880-HYD-XX-XX-RP-GE-5005 (Odour Monitoring Plan)</li> </ul>
If the TGN or your risk assessment shows that noise or vibration are important issues, send us your noise or vibration management plan (or both)	<ul style="list-style-type: none"> <li>» Technical Design Note 23880-HYD-XX-XX-RP-GE-5003 (Environmental Risk Assessment)</li> <li>» Technical Design Note 23880-HYD-XX-XX-RP-GE-5004 (Pollution Emissions Plan)</li> </ul>

#### 5. Form reference: 4a (monitoring)

- » Technical Design Note 23880-HYD-XX-XX-RP-GE-5007
- » Drawing 23880-HYD-XX-ZZ-DR-GE-1022

#### 6. Form reference 4b (emissions to air)

Not applicable

#### 7. Form Reference: Appendix 2

Point 1: ESSD Report

Hydrock Report Reference 23880-HYD-XX-XX-RP-GE-0012

Point 2: Waste acceptance procedures

Appendix A (Earthworks Specification) to Hydrock Report reference 18443-HYD-XX-XX-RP-GE-4001-S4-P02; Land adjacent Halden's Parkway, Thrapston. Geotechnical Design Report

Point 3: HRA

Hydrock Report reference 18443-HYD-XX-XX-RP-GE-3004-S2-P01; Land adjacent Halden's Parkway, Thrapston. Detailed Quantitative Risk Assessment for Impact of Recovered Waste on Controlled Waters.

Point 4: Outline Engineering Plan

Hydrock Report reference 18443-HYD-XX-XX-RP-GE-4001-S4-P02; Land adjacent Halden's Parkway, Thrapston. Geotechnical Design Report

Point 5: Stability Risk Assessment

Section 1.4 of: Hydrock Report reference 18443-HYD-XX-XX-RP-GE-4001-S4-P02; Land adjacent Halden's Parkway, Thrapston. Geotechnical Design Report

Point 6: Monitoring Plan

*Geotechnical:* Section 8 of Hydrock Report reference 18443-HYD-XX-XX-RP-GE-4001-S4-P02; Land adjacent Halden's Parkway, Thrapston. Geotechnical Design Report

*Geo-Environmental:*

- » Technical Design Note 23880-HYD-XX-XX-RP-GE-5007
- » Drawing 23880-HYD-XX-ZZ-DR-GE-1022

Point 7: Surrender Report

23880-HYD-XX-XX-RP-GE-0011\_S2-P01\_Surrender Report

Point 8: Benefit Statement

Not applicable