



Non-Technical Summary Newthorpe Quarry Newthorpe Aggregates Ltd.

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Non-Technical Summary

1.1. Introduction

- 1.1.1. *The Mineral Planning Group Ltd. (MPG)* have been commissioned by *Newthorpe Aggregates Ltd.* to make an application to the Environment Agency (EA) for a Bespoke Environmental Permit for the Use of Waste in a Deposit for Recovery Operation at a site known as Newthorpe Quarry, near Newthorpe, North Yorkshire at grid reference SE 45984 32068.
- 1.1.2. A Waste Recovery Plan (WRP) has previously been submitted to and approved by the EA (ref: EPR/KB3404TJ/A001) and the proposals were confirmed to be a recovery operation.
- 1.1.3. It is intended that the Bespoke Permit should mirror the Standard Rules Permit SR2015No.39, as all details match this Standard Rules Permit except for the maximum volume of waste to be imported.
- 1.1.4. The primary aim of the proposal is to achieve the approved contours and facilitate restoration of The Site as required by Planning Permission ref: NY/2019/0165/ENV (previous ref: C8/2019/1271/CPO).
- 1.1.5. The Bespoke Permit application includes the following:
- Application Forms
 - Non-Technical Summary
 - Environmental Setting and Site Design (ESSD)
 - Hydrological Risk Assessment (HRA), including Conceptual Site Model
 - Stability Risk Assessment
 - Gas Risk Assessment
 - Waste Acceptance Procedures (WAP)
 - Site Condition Report (SCR)
 - Environmental Risk Assessment (ERA)
 - Environmental Management System (EMS) Summary
 - Supporting Plans

1.1.6. This Non-Technical Summary provides an overview of the application and its supporting documents.

1.2. Site Description

1.2.1. The Site is located to the North of the A1(M) between Micklefield and Newthorpe and is currently an active limestone quarry made up of five working phases. Planning Permission ref: NY/2019/0165/ENV requires the restoration of the southern area of the quarry, which is the first four phases of working, in two of which working has already commenced.

1.2.2. The Site is approximately 8.8ha. The proposed green line boundary is shown on Drawing ref: 391/1 – Permit-1.

1.2.3. The Site is surrounded by agricultural fields, with a railway line adjacent to the northern boundary. The Site is accessed from the B1222 to the southeast, immediately off the A1 motorway.

1.2.4. A Public Right of Way (ref: 35.39/3/1) runs along the southern boundary of The Site from west to east and was diverted around Phase 1 of the quarry planning permission. A diversion around Phases 3 and 4 was approved in 2018 and will take effect once workings within Phase 3 begin.

1.2.5. The Site has an active Planning Permission for the extraction of mineral and restoration to agricultural land, with additional tree planting.

1.2.6. Conditions 3 and 16 of Planning Permission ref: NY/2019/0165/ENV require that The Site is restored:

Condition 3: "The development hereby permitted shall be carried out in accordance with the application details dated 13 September 2019 and the following approved documents and drawings, together with the conditions attached to this Decision Notice which shall in all cases take precedence.

[...]

- 10132D/02B 17 November 2019 Site Plan
 - 10132D/03/1C 15 November 2019 Infill Phase 1
 - 10132D/03/2B 15 November 2019 Infill Phase 2
 - 10132D/03/3B 15 November 2019 Infill Phase 3
 - 10132D/04B 12 February 2020 Restoration Scheme
 - 10132D/05 14 November 2019 Planning History
 - 10132D/06 17 November 2019 Cross-Sections”
- [...]

Condition 16: *“Within 12 months of the commencement of tipping, a detailed restoration and aftercare scheme for the whole quarry regarding the proposed agricultural and amenity use shall be submitted for written approval of the County Planning Authority and in particular shall make provision for the enhancement of the nature conservation and landscape interest of the site. Such scheme shall include details of: (i) Proposed final contours, (ii) Phasing of restoration, (iii) Treatment of quarry faces, (iv) the spreading and cultivation of stored soils, (v) Drainage, (vi) Landscaping, fencing and maintenance of the restored site, (vii) Aftercare, (viii) A timetable for the implementation of the scheme, Thereafter, the scheme shall be implemented as approved.”.*

1.2.7. To achieve the approved contours and facilitate restoration, materials must therefore be imported to The Site. It is demonstrable therefore, that there is an obligation to restore The Site, which could and would only be achieved through the importation of materials. This was demonstrated in the Waste Recovery Plan, which was approved by the EA, and is included in this Permit Application as Appendix G.

1.3. Operational Overview

1.3.1. The proposed engineering operations constitute a recovery operation to use inert waste to achieve the final contours and restoration design approved in Planning Permission NY/2019/0165/ENV.

1.3.2. The deposit of waste for recovery would achieve the approved contour levels and

restoration design. The depth of waste would vary across The Site in order to assimilate into the existing landform. The total quantity of waste required is approximately 2 million tonnes, which would be completed over a 9-year period at a rate of approximately 220,000 tonnes per annum. Soils have previously been stripped and stored at The Site and would be replaced on completion of infilling, creating a suitable growing medium for agricultural fields, hedgerow, and tree planting, as well as a suitable material to engineer surface drainage into. The final topography would assimilate The Site into the surrounding landscape and facilitate restoration.

1.4. Waste Acceptance Procedures

1.4.1. Waste Acceptance Procedures (WAP), as detailed in Section 4, as well as The Site’s Environmental Management System (EMS) would be adhered to during all operations at The Site.

1.4.2. The following wastes would be accepted at The Site:

Table 1.1: Wastes accepted at The Site.

Waste Code	Description
01	Wastes resulting from exploration, mining, quarrying, and physical and chemical treatment of minerals
01 01 02	Wastes from non-metalliferous excavation
01 04 08	Waste gravel and crushed rocks than those containing dangerous substances
01 04 09	Waste sand and clays
10	Wastes from thermal processing
10 01 05	Gypsum (solid) only
10 01 15	Bottom ash and slag from co-incineration
10 02 01	Wastes from the processing of slag
10 02 02	Unprocessed slag
10 09 03	Furnaces slag (ferrous)
10 10 03	Furnace slag (non-ferrous)

Waste Code	Description
10 12 08	Waste ceramics, bricks, tiles and construction products (after thermal processing)
10 13 14	Waste concrete
17	Construction and demolition wastes
17 01 01	Concrete
17 01 02	Bricks
17 01 03	Tiles and ceramics
17 01 07	Mixtures of concrete, bricks, tiles, and ceramics
17 03 02	Road base and road planings only other than those containing coal tar
17 05 04	Soils and stones
17 05 06	Dredging spoil
17 05 08	Track ballast
19	Wastes from waste management facilities, off-site wastewater treatment plants and the preparation of water intended for human consumption and water for industrial use
19 08 02	Washed sewage grit (waste from de-sanding) only
19 12 05	Glass
19 12 09	Minerals (such as sand and stones) from the treatment of waste aggregates that are otherwise naturally occurring minerals
19 12 12	Other wastes, including mixtures of materials, from mechanical treatment of waste
20	Municipal wastes
20 02 02	Soil and stones (topsoil, peat, subsoil, and stones)

- 1.4.3. All proposed wastes are inert and pose an inherently low risk to the environment. The wastes shown above match those proposed in the WRP.
- 1.4.4. An Environmental Risk Assessment (ERA) has been carried out for the proposals, as well as a qualitative Hydrogeological Risk Assessment (HRA). A Conceptual Site Model was generated to assess risk on a Source-Pathway-Receptor basis, which identified where mitigation was necessary to reduce risk. For example,

through regular monitoring of groundwater quality and the requirement for a low hydraulic conductivity attenuation layer.

- 1.4.5. The ERA demonstrated that the risk of unacceptable impacts to the environment would be low or very low, and that the management and mitigation measures in place would successfully protect against pollution from the proposed activities.