



The revised restoration concept would respond positively to the NCA Profile: 4B: Trent and Belvoir Valleys (NE42B), which is described as "A gently undulating and low-lying landscape in the main, with low ridges" and where "Very little semi-natural habitat remains across the area"

This revised concept would also still contribute positively to the following landscape features in the 'SN05 Colham Village Farmlands within the South Nottinghamshire Farmlands Policy Zone' (Newark and Sherwood Landscape Character Assessment), in comparison to the approved scheme, as it would:

- "Enhance tree cover and landscape planting generally, in particular along the A1, to create increased visual unity and habitat across the Policy Zone."
- "Create small scale woodland" ... (with complimentary woodland edge habitats)

**Landfill Gas Monitoring Legend**

- Landfill Gas Monitoring Borehole
- Landfill Gas Extraction Point
- Leachate Collection Point
- Leachate Monitoring Point

Area of 'poor soils' for Grazed Skipper butterflies (existing substrate only). To include micro-topographical variation and seeded with Creeping Cinquefoil and Agrimony

Grass cutting and herbicide to be carried out along pipework and around well heads, with 'no cut' policy on all other areas to create a complex mix of grassland heights and allow for natural colonisation

Small Woodland Glades (Each field to be a mosaic of grassland, tall herb communities and ruderal, with mixed scrub and scattered trees around perimeters)

Creates complimentary woodland habitats around the areas of existing deciduous woodland (Priority Habitat Inventory) to the west and south of the site

Marker posts to be installed to define edge of no cut zone, to assist management (staking care not to damage landfill capping)

**Planting Specification**

All tree and hedgerow planting works to be undertaken during the first available planting season following the replacement of topsoil.

**Restored Areas**

Germinant Seeds RE1 seed mix or similar

**Tree Planting Specification - 3.09ha, 2m centres**

Botanical Name	Common Name	Size cm	% Mix	Number
<i>Quercus robur</i>	Common Oak	60-80 transplant	20	1540
<i>Alnus glutinosa</i>	Alder	60-80 transplant	30	2310
<i>Acer campestre</i>	Field Maple	60-80 transplant	20	1540
<i>Crataegus monogyna</i>	Hawthorn	60-80 transplant	20	1540
<i>Prunus spinosa</i>	Blackthorn	60-80 transplant	5	385
<i>Corylus avellana</i>	Hazel	60-80 transplant	5	385

**Hedgerow Specification - 776m, 5 plants per linear metre**

Botanical Name	Common Name	Size cm	% Mix	Number
<i>Crataegus monogyna</i>	Hawthorn	60-80 transplant	60	2325
<i>Prunus spinosa</i>	Blackthorn	60-80 transplant	20	775
<i>Acer campestre</i>	Field Maple	60-80 transplant	20	775

**Hedgerow Trees**

Botanical Name	Common Name	Size cm	% Mix	Number
<i>Quercus robur</i>	Common Oak	8-12 rootballed standard	65	19
<i>Acer campestre</i>	Field Maple	8-12 rootballed standard	35	10

This mosaic of habitats will be of value for a range of wildlife, for example:

- birds for breeding and/or foraging in summer or winter;
- mammals for shelter, breeding and feeding and various species of bats may forage over grasslands;
- terrestrial habitat for amphibians; and
- plant-feeding invertebrates such as: grasshoppers and crickets; butterflies and moths; plant hoppers; plant bugs.

Single track access road to gas compound to be retained for maintenance to surface water lagoons (beyond the life of the gas compound)

**LEGEND**

- Application Boundary
- Restoration Contours (post-settlement)
- Existing Fencing
- Reinstated Footpath (from completion of the landfill restoration/aftercare period)
- 4m Wide Surfaced Access Road
- Proposed maintenance access track
- Surface Water Drain
- Area of Poor Soils (for Grazed Skipper butterflies)
- Surface Water Lagoon
- Existing Woodland Planting
- Existing Conifer Belt (To be cut down to 0.5m and stumps retained)
- Existing Hedgerow
- Proposed Gate
- Proposed Woodland Planting
- Proposed Hedgerow
- Open Grassland (diverse, naturalistic mix, with tall ruderal patches and wildflowers)
- No cut zone (with long grass, tall ruderal and natural regeneration of trees and shrubs)



**Heaton's**  
Planning Environment Design

**SITE**  
Staple Quarry

**PROJECT**  
Revised Restoration

**DRAWING TITLE**  
Revised Final Restoration Plan

**DATE**  
June 2022

**REFERENCE**  
FCC-012-W-001 REV A

**SCALE**  
1:2,500 @ A3

**STATUS**  
FINAL

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Amendment to planning permission 3/16/00693/CMW to alter the approved restoration and afteruse of the site from agriculture to an ecological / habitat based restoration and afteruse (nature conservation), facilitated through the importation of soil improvement materials to mix with the site's existing soils - variation of conditions 1 (permission reference to agriculture), 22 (restoration and aftercare scheme), 26 (soil replacement - reference to agricultural operations) and 27 (stone removal - reference to agricultural operations)  
Staple Quarry, Grange Lane, Colham, Newark-on-Trent, Nottinghamshire,  
Planning Application No. 3/22/00740/CMW

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Scale 1:15,000  
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**PLAN 5**