

(TRADING AS DARRINGTON QUARRIES LIMITED)

ENVIRONMENTAL PERMIT VARIATION APPLICATION WASTE RECOVERY PLAN

SKELBROOKE QUARRY EXTENSION AREA STRAIGHT LANE SKELBROOKE DONCASTER

Document Reference: WR7640/09.R4

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Project Quality Assurance Information Sheet

ENVIRONMENTAL PERMIT VARIATION APPLICATION – WASTE RECOVERY PLAN SKELBROOKE QUARRY EXTENSION AREA, STRAIGHT LANE, SKELBROOKE, DONCASTER

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1	August 2022	Updated to accommodate the renewed planning consent and associated scheme of restoration	R Chapple	D Thomas	
2	December 2023	Changes to waste list and minor updates/corrections to outline restoration operations	D Thomas	M Griffiths	
3	March 2024	Relevant planning drawings attached and referenced	D Thomas	M Griffiths	
4	January 2025	Changes to list of waste and minor updates to refer to WAC and WAP	D Rowe	D Thomas	

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SKELBROOKE EXTENSION STRAIGHT LANE SKELBROOKE DONCASTER

ENVIRONMENTAL PERMIT VARIATION APPLICATION WASTE RECOVERY PLAN

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1.0 Introduction

- 1.1 Sirius Environmental Limited ('Sirius') has been commissioned by Darrington Quarries Limited ('DQL'), part of the FCC Group of Companies, to prepare an application to vary the Environmental Permit EPR/CP3994ZR to support a revised scheme of restoration for a former quarry near Skelbrooke, Doncaster
- 1.2 The current permit authorises restoration of the quarry by means of a non-hazardous landfill disposal activity, although the site is currently 'closed' and no wastes have been deposited at the site to date. The revised low-level scheme of quarry restoration seeks to achieve final levels by the permanent deposit of suitable wastes as a waste recovery operation due to the flooded nature of the void.
- 1.3 DQL are seeking to derive an alternative scheme of restoration for the extension area, principally to address safety concerns associated with the flooded part of the site. The revised scheme of restoration seeks to restore the site to a low-level profile that will bring the ground levels within the flooded section above that of current water levels within the void and therefore support long-term management of surface waters for the wider restored quarry and landfill complex.

2.0 Site Setting

- 2.1 Skelbrooke Quarry and Landfill is located 7.5 kilometres northwest of Doncaster, approximately 1km to the west of the A1(T) at National Grid Reference SE 510 116. The site location is presented in **Drawing No.:** WR7640/10/ESSD1.
- 2.2 The area covered by the existing permit forms an (north-)eastern extension, of 4.5 hectares of the main quarry located to the south. The extension is bounded to the north and west by Straight Lane, to the north and east by Doncaster Lane, to the south by the quarry and landfill access road and to the southeast by restored landfill.
- 2.3 The edge of the village of Skelbrooke lies some 250 metres to the north of the site, though the closest properties, at the junction of Doncaster Lane with Straight Lane, are some 200 metres from the edge of the landfill at its closest point. The village of Hampole lies 600 metres to the south east of the site. Immediately to the east, across Doncaster Lane, lies a restored Doncaster Metropolitan Borough "dilute and attenuate" landfill. Hazel Lane Quarry and Landfill complex is also located ~800m to the east of the site.
- 2.4 The solid geology comprises marls and limestones deposited within the Permian Magnesian Limestone Formation, which, in Yorkshire, comprises two dolomitic limestones separated by a horizon of marl. The limestone units are classified as Principal Aquifers as it provides baseline flow to the local rivers. Groundwater flow within the limestone is principally through fracture flow.
- 2.5 The main water courses within the vicinity of Skelbrooke Landfill are the River Skell ('The Skell'), which is located approximately ~520m northeast of the site, and the Hampole Dike, which is located ~500m to the south of the landfill complex. Both of these water courses flow in a general easterly direction.
- 2.6 A tributary of the River Skell rises, via a number of springs, to the immediate north-east of the Skelbrooke site.

2.7 Surface water run-off from the capped landfill is collected via a network of collection ditches around the periphery and across the capped surface and discharged into flooded void of the extension area.

3.0 Development History

- 3.1 Quarry operations at Skelbrooke Quarry have been present since the mid1800's. The quarry has been developed within the Permian Magnesian Limestone, subject to a number of planning approvals. Messrs J. Hinchcliffe & Son Ltd developed quarry operations prior to the mid-1970's. Darrington Quarries Ltd has operated the site since 1976. Darrington Quarries became part of Waste Recycling Group plc in 1998. No other operations occurred within the area of Skelbrooke Quarry prior to the development of the quarry.
- The development layout of the main Skelbrooke Landfill facility to the south of the northern extension area is illustrated in **Drawing No. WR7640/01/01**. Cell 1 of the main Skelbrooke Landfill Site was initially developed by Darrington Quarries in 1992. Landfilling within Cell 1 was completed in June 1993 and the cell capped off in August 1993. Subsequent landfill cells 2 to 5 were developed, filled and capped between June 1993 and October 2001. Tipping operations were suspended between August 1995 and October 1996, and again between November 1998 and July 1999. With landfilling operations within Cell 6 commencing in August 2001 and ceasing in 2005. The main landfill area is currently closed to the receipt of further waste deposits, although the site has yet to be filled to its approved final landform. The site was permitted to receive hazardous, non-hazardous and inert wastes.
- Mineral extraction in the northern extension area commenced around 1998 and was completed prior to 2001/02, following which the void was allowed to flood with groundwater. Bathymetric surveys of the flooded section of the extension area (**Drawing No. WR7640/01/01**) indicates that this area has been excavated to depths of between ~16 and 20mAOD, relative to surrounding ground levels of ~35mAOD and 29mAOD along the south-western and north-eastern edges of the flooded extension area. This void is also now used to balance surface water run-off form the restored surface of the adjacent landfill site prior to pumped discharge of the waters to a tributary of The Skell river that flows north from the edge of the site.

4.0 Planning History

- 4.1 Planning consent (96/50/1641/P/MIN) for mineral extraction and restoration of the extension area was original granted in 1998. A copy of the original consent is presented in **Appendix WRP1**.
- 4.2 The original scheme of restoration allowed for the landfilling of "controlled wastes, but excluding special wastes", and allowed for 25% settlement.
- 4.3 In 2005, planning consent (Ref.: 03/7149/P refer to **Appendix WRP2**) was issued approving a revised scheme of restoration for the extension area. This revised scheme incorporated a low-level restoration profile that would be completed with suitable non-degradable fill materials. This planning permission has since expired and new planning consent has since been acquired.
- 4.4 The new application for planning permission (Ref.: 21/01331/FULM) was submitted in April 2021 and determined in March 2022 by the Mineral Planning Authority, Doncaster Council. As with the 2005 planning consent, the new consent seeks the low level restoration of the remaining quarry void and landfill site through infilling with suitable restoration materials, with the site ultimately

restored to agriculture, woodland and a wetland area. Differences between the 2005 and 2022 consents are relatively minor, principally to account for changes in surface water management guidelines. Copies of the approved drawings listed in the Planning permission are appended (**Drawings Nos. WR7747/07/03-06 & WR7744/07/08).**

5.0 Licensing/Permit History

- 5.1 Environmental Permit EPR/CP3994ZR was originally issued under the Waste Management Licensing Regulations 1994 in July 2001 (Licence Ref.: EAWML65052). The permit originally authorised the disposal of biodegradable wastes in engineered cells, although no cells have been engineered within the extension area to date and no wastes therefore deposited.
- In 2007, the permit/licence was modified to remove conditions allowing the acceptance of waste at the site, with the exception of waste to support landfill restoration activities (where appropriate), subject to prior written agreement with the Environment Agency.
- In January 2015, an EA initiated variation to the permit was determined to close the facility following which no wastes are currently permitted for disposal at the site. A Closure Plan (*Doc. Ref.:* 1776/R/025/1) dated October 2014 was incorporated into the permit as part of this variation.
- The extension area forms part of wider former limestone quarry and landfill complex located to the southwest of the extension area, which has already been restored by landfilling under a separately regulated landfill activity (Environment Permit EPR/BV1470IE). Completion to the final levels approved under the planning consent for the site has yet to be achieved at the adjacent Skelbrooke Landfill facility, but all existing deposits are currently capped and definite closure has been agreed with the EA.
- 5.5 The extension area void is flooded due to groundwater levels within the surrounding geology, although the site also forms part of the surface water management system for the adjacent, closed landfill facility.
- The site originally benefited from a discharge consent that allowed the discharge of surface water via a land drain located along the north-eastern boundary of the extension area, in which the volumes and rate of discharge were limited to 200m³/day and 20m³/hr respectively. This consent was subsequently incorporated into Environmental Permit EPR/BV1470IE for the main landfill.
- 5.7 Currently, the Environmental Permit held for the restoration of the remaining void supports the development of an inert landfill facility. In light of the void's current flooded status, under the current permitted restoration option, DQL are required to dewater the void and engineer the sidewalls in accordance with the Landfill Directive.

6.0 Scheme of Restoration

As mentioned above, the current permitted restoration scheme requires that the void is dewatered and that the sidewalls are engineered in line with the Landfill Directive. However, it is considered that dewatering the quarry has the potential to influence groundwater levels around the edge of the adjacent non-hazardous landfill managed by DQL, whilst also potentially drawing in contaminated groundwater from the neighbouring historical and unlined Doncaster MBC dilute and disperse landfill.

- To avoid the need to dewater and engineer the void it has been alternatively proposed to seek to restore the site through the direct tipping of suitably uncontaminated materials into the flooded void. Under these proposals, the contaminative nature of these wastes will need to account for dilution available within and the baseline quality of local hydrogeological environment. As such, in order to comply with the requirements of the Groundwater Directive the waste types to be deposits directly into water and which will be located below the water table associated with the Magnesian Limestone Aquifer will be restricted to low-risk waste types (e.g. quarry fines and overburden, and soils and stones refer to Appendix WRP5).
- A separate list is also provided for the materials to be used to construct haul roads to support access to the quarry void. The haul roads will be constructed by the placement of up to 500m of suitable wastes. These wastes are restricted to waste concrete, bricks tiles/ceramic and minerals (refer to **Appendix WRP5**).
- All wastes brought to the site will be subjected to an enhanced characterisation and verification testing regime to ensure that the waste acceptance criteria (WAC) have been met. Details of the waste acceptance criteria and procedures are provided in Supporting Statement to the application (*Doc. Ref.: WR7640/04*).
- The final 1m soil profile will be accepted based on Soil Screening Values (SSVs) which are derived via Atkins ATRISK guidance. These soil thresholds are calculated by using the appropriate Contaminated Land Exposure Assessment Protocol (CLEA). The proposed 'generic' end-use of the restoration is that of grassland and trees/shrubs which are planted on the restoration area and maintained throughout the aftercare period specified in the planning permission. For the majority of the components, the guideline concentration has been set at a value significantly lower than the corresponding SSV to ensure a conservative approach has been taken and that the hazardous waste threshold is not exceeded.
- In line with EA Guidance on Waste Recovery Plans (April 2021) and the letter from the EA in response to original version of this WRP dated July 2020 (**Appendix WRP6**), evidence is needed to show that non-waste materials could be used and that there remains an obligation to restore the remaining void despite the expiration of the previous planning permission (Ref. 03/7149/P).
- While the original planning permission for the restoration of the site specified the use of imported waste materials to support the restoration, the local planning authority have confirmed via email (**Appendix WRP7**) that either suitable waste or non-waste would be acceptable, subject to the EA's agreement. Therefore, the use of inert / non-hazardous waste material to restore the site would be replacing the option to use non-waste material. In line with the EA's Guidance on Waste Recovery Plans and Deposit for Recovery Permits (21st April 2021), depositing waste is classified as a recovery activity if it is shown that the operator could and would have carried out the works using non-waste material, therefore the use of waste instead would be a 'substitution'.
- 6.8 Furthermore, the local planning authority, Doncaster Council, have confirmed that they still wish to see the void restored, despite the lapsed planning permission (Ref.:03/7149/P). As a result of the health and safety concerns for the site following an incident described in **Section 6.12** of this document, the council would like to see the whole site restored. New planning consent has been acquired (Ref.: 21/01331/FULM) for the revised restoration scheme and an obligation to restore the site therefore still remains. The Decision Notice for

this has been included in **Appendix WRP8**. The existence of an obligation to restore the site, using either suitable non-hazardous waste or non-waste materials is in line with the section on 'Evidence to Support Recovery of Waste' in the EA Guidance on Waste Recovery Plans and Deposit for Recovery Permits (dated 21st April 2021). This section states that an obligation to carry out the works would indicate that non-waste could be used for the proposed works and this supports the proposal as a waste recovery activity. The planning permission allows for the deposit of suitable non-hazardous construction, demolition and excavation waste to support restoration of the site.

- The initial revised scheme of restoration proposed in 2020 was modelled and a volume of ~235,100m³ was found to be required to achieve final levels. However, in order to provide more capacity and free board space in the surface water lagoon to enable flood attenuation, revised modelling has shown that now only 230,000m³ of restoration material will be required. Of this, ~6,000m³ will comprise site-won material through regrading of surrounding areas, therefore, the volume of non-hazardous waste required to be imported for the restoration will be 224,000m³; a reduction of ~11,100m³ when compared to the originally modelled volume. Resultantly, a smaller volume of input material will now be required to reach final levels. This is in line with EA Guidance on Waste Recovery as the minimum volume required will be used for the restoration of the norther extension area.
- The European Waste Category (EWC) Codes proposed for the restoration (Appendix WRP5) are in line with the EA's Guidance "check if your waste is suitable for deposit for recovery" (updated June 2023). Waste will be characterised in line the 'Waste classification Technical guidance (WM3)' to confirm that it is not hazardous. Only suitable non-hazardous and uncontaminated waste will be used, for which site-specific waste acceptance procedures have been derived.
- 6.11 The following sections detail the current revised scheme of restoration.
- Due to a decline in the availability of non-hazardous wastes with the local market and the presence of other similar landfill facilities close to Skelbrooke (e.g. Hazel Lane Quarry Landfill located to the west of the site), DQL determine that an alternative low-level scheme of restoration would provide a more sustainable option for restoring the quarry. Details of the revised low-level scheme of restoration approved by the Mineral Planning Authority under planning consent reference "21/1331/FULM" are presented in **Drawing Nos. WR7747/07/03 06**, **WR7747/07/08 and WR7747/07/10**. A copy of the planning consent is presented in **Appendix WRP8**.
- The use of imported materials is necessary to support the restoration of the flooded section of the site and a small portion of the south-eastern area; the extent of which is as indicated in **Drawing No. WR7640/10/WRP01**. The quantity of materials that need to be imported to site to achieve the final levels of the approved scheme of restoration has been modelled at 224,000m³. An additional 6,000m³ of material will be deposited which will be site-won; making the total quantity of waste to be deposited a volume of 230,000m³.



Figure 1: Restoration status of Skelbrooke Quarry Extension

Source: Google Earth (Imagery Date: June 2018)

Whilst there has been no urgent requirement to restore the quarry since extraction ceased at the site in ~2001/2002, a recent incident means that restoration of the site is now a priority. The incident took place during the summer of 2018, whereby a member of the public gained unauthorised access to the site and subsequently died whilst swimming in the flooded section. This incident was widely reported in the media at the time (e.g. BBC, 2018), with a subsequent campaign and statements focussing on this incident made again during the summer of 2019 (Bateman, 2019). Whilst further security measures have been implemented at the site since the incident, DQL have therefore taken the decision to prioritise the restoration of the quarry to ensure that similar incidents don't occur at the site in the future.

6.15 A recent bathymetric survey of the flooded section of the quarry void had shown that this area has been excavated to depths of between ~16 and 20 mAOD, relative to surrounding ground levels of ~35 and 29 mAOD along the southwestern and north-western edges of the flooded extension area. As previously, mentioned, it was initially determined that in order to achieve the previously approved restoration contours under the original planning permission (Ref: 03/7149/P), it was calculated that ~235,100m³ of imported restoration materials would be required. However, due to the need to provide increased flood attenuation capacity in line with current quidelines, there will be a reduced volume of restoration materials required. Only 224,000 m³ of non-hazardous material will be imported for the restoration work, with ~6,000 m³ of site-won material also being re-used. Therefore, there has been a reduction of ~11.100 m³ of imported waste required for the restoration from that originally estimated. Sections depicting the fill profile for the site are presented in **Drawing** Nos. WR7640/10/WRP01 and WR7747/07/06. The revised restoration profile is also shown in Drawing Nos. WR7640/01/01 and WR7747/07/05. Fill depths in the flooded section are typically approximately 16m thick, reducing to approximately 2m in the south-eastern section of the site.

- 6.16 The flooded section of the site is also currently used to support the management of surface water run-off from the adjacent restored landfill facility, into which the current collection network discharges. The approved scheme of restoration also includes the creation of a wetland habitat that will continue to be fed by and support the current collection network from the adjacent restored landfill facility. The surrounding land will also be graded to drain towards this wetland feature.
- The long-term plan for managing surface waters within the wider Skelbrooke Quarry and Landfill complex is to enable all waters to discharge directly, under gravity, to a tributary drain of the Skell, the source of which is located immediately beyond the northern boundary of the extension area.
- 6.18 To enable the site to continue to support the management of surface water runoff from the wider quarry complex without the requirement to construct a
 temporary management system elsewhere on the site, it is not proposed to drain
 the flooded section of the extension area prior to deposit of restoration
 materials.
- Additionally, a permeability range of between ~0.01 and ~130m/d was confirmed by SLR (2004) from rising head tests performed in various boreholes installed around the periphery of the main Skelbrooke landfill facility. Taking into account published permeability ranges of between ~2.5 and ~10 m/d for the Magnesian Limestone, an abstraction rate of between ~250 and ~2,200m³/d is estimated to maintain dry conditions within the void. This rate excludes additional volumes generated from the surface water management system and additional volumes necessary to initially dewater the void. Pumping calculations are presented in **Appendix WRP3**.
- Moreover, by reducing water levels within the quarry could draw in contaminated groundwaters from the neighbouring restored Doncaster MBC landfill, that operated under the principles of dilute and disperse. Draw down estimates at present in **Appendix WPR3**. Historic correspondence between Doncaster MCB and the Environment present in **Appendix WRP4** highlights that the landfill is contaminating groundwater and surface water (i.e. The Skell) locally. This could present further issues in terms of discharging abstracted groundwaters from the site. Similarly, there is limited potential to influence hydraulic containment conditions within the adjacent Skelbrooke Landfill facility
- On this basis, the wastes to be deposited within the void will be of a quality that presents a pollution potential that is less than, or equal to, the natural quality of the surrounding geology/groundwater. The primary source of material to be deposited is proposed to be quarry wastes/fines from local quarries, although soils and other wastes with a low pollution potential, including soils from local greenfield or low-risk brownfield development sites will also be considered. A full list of wastes is present in **Appendix WRP5**. Site specific waste acceptance criteria and procedures will be derived for other wastes that may be accepted at the site. Appropriate criteria will be derived from baseline groundwater quality associated with the Magnesian Limestone.
- As indicated earlier, the northernmost area has already been restored to agricultural pasture using indigenous materials and does not therefore form part of these waste recovery proposals. Full details of the specification to which the site will be restored is presented in **Drawing Nos. WR7747/07/08 and WR7747/07/10.**

7.0 Conclusions

- 7.1 The extension area to which this Waste Recovery Plan relates forms part of a wider quarry complex, much of which has been restored through the disposal of non-hazardous biodegradable wastes. The extension area is also located in close proximity to the restored historic Doncaster MBC dilute and disperse landfill.
- 7.2 The Mineral Planning Consent that authorised the extraction of limestone from the extension area was originally granted on the basis that the void would be restored. The original scheme of restoration for the extraction void was consented by means of a non-hazardous landfill, but changes in local market conditions meant that restoration of the site by such means was no longer viable. Consequently, the original approved scheme of quarry restoration was amended to allow for a low-level restoration profile using indigenous and imported non-hazardous materials.
- 7.3 The revised scheme of restoration includes for the creation of ecological habitats with a small section restored to agricultural land use. The proposals also support surface water management requirements for the wider restored quarry and landfill complex.
- 7.4 To date only the northern section of the extension area has been restored using indigenous materials. The main extraction void and southern area remain unrestored, for which 224,000m³ of material needs to be imported to restore the remaining areas of the extension area. A further 6,000m³ of site-won material will also be utilised for the restoration.
- 7.5 Whilst restoration of the site has not been a priority to date, following a death at the site during the summer of 2018, it is now key to infill the quarry void to reduce the risk that it currently poses to public safety.
- 7.6 It is not proposed to dewater flooded sections of the site to support infilling operations due to pumping requirements and the risk of drawing in contaminated groundwaters from the neighbouring dilute and disperse Doncaster MBC landfill. Consequently, infill materials will be selected that has a pollution potential less than, or equal to, the natural quality of the surrounding geology/water to ensure that the materials will not result in the deterioration of groundwater quality.
- 7.7 It is therefore considered that restoration of the extension area supports the overall obligation in that extraction of the quarry void would be followed up by subsequent restoration of the site. The quantity of materials required to achieve the approved final levels also represents the minimum quantity of materials needed to support surface water management requirements for the wider restored quarry and landfill complex, as well as supporting habitat development at the site. Achieving these final levels will also remove the inherent risk to public safety posed by the deeps water currently present at the site.

8.0 References

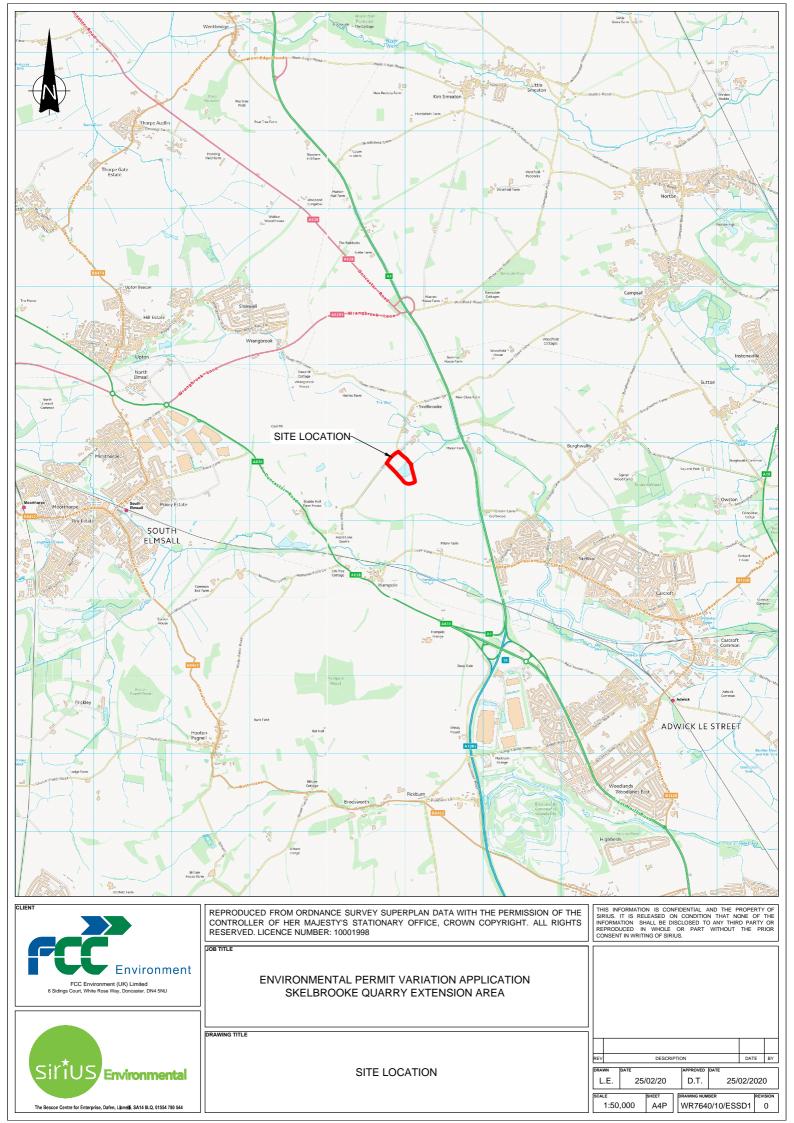
Bateman. S, 2019. Warning about the dangers lurking in open water during Drowning Prevention Week, Published by Doncaster Freepress. Report Date: 18th June 2019. Available from: https://www.doncasterfreepress.co.uk/news/people/warning-about-dangers-lurking-open-water-during-drowning-prevention-week-172749

BBC, 2018. Doncaster lake: Man recovered from water in Skelbrooke. Report Date: 9th July 2018. Available from: https://www.bbc.co.uk/news/uk-england-south-yorkshire-44765020

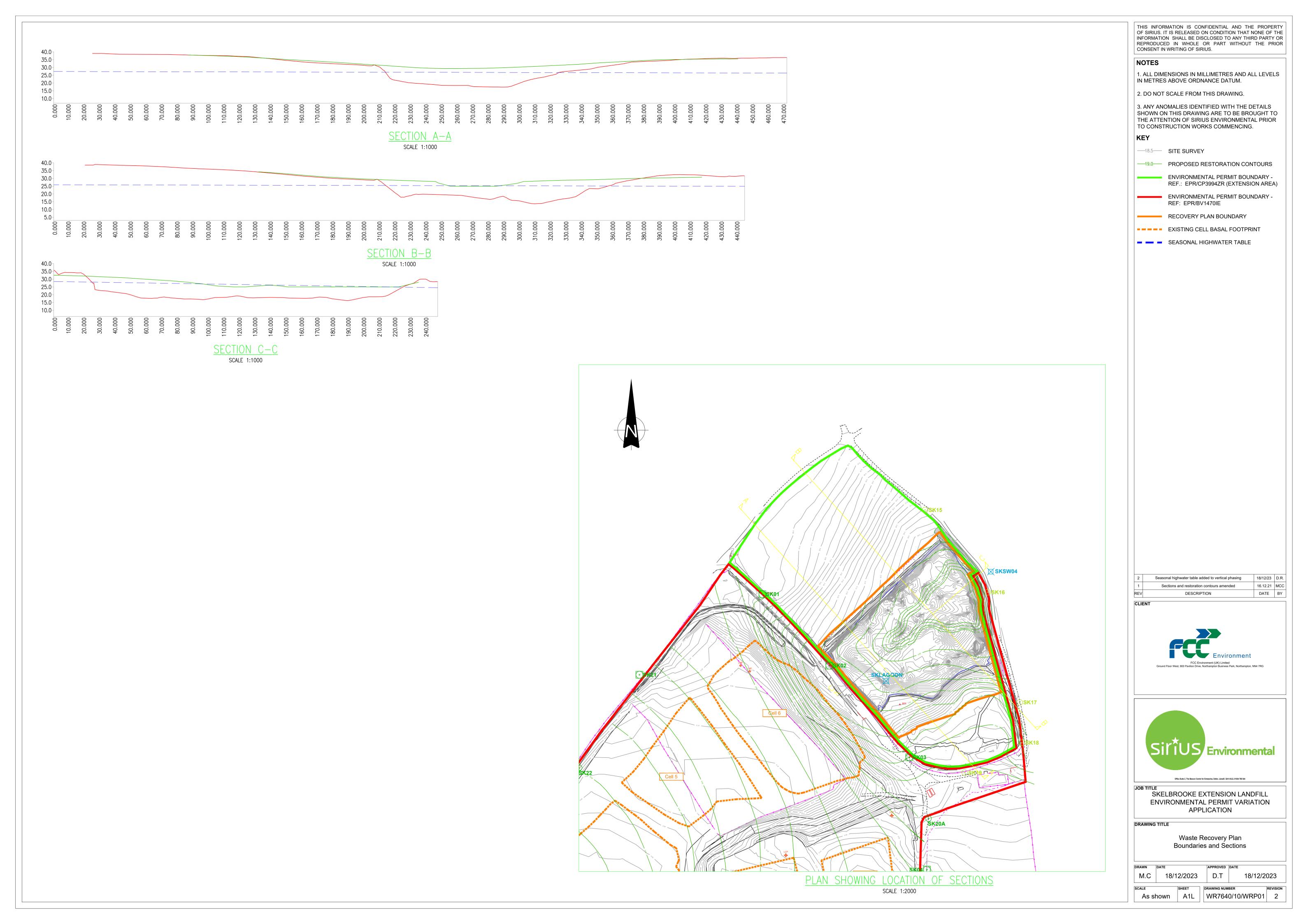
SLR Consulting Ltd, 2004. Groundwater Monitoring & Permeability Test (Discharge of Improvement Conditions 5 & 6 of PPC Permit BV1470) SLR Report Ref.: 4D-197-164.

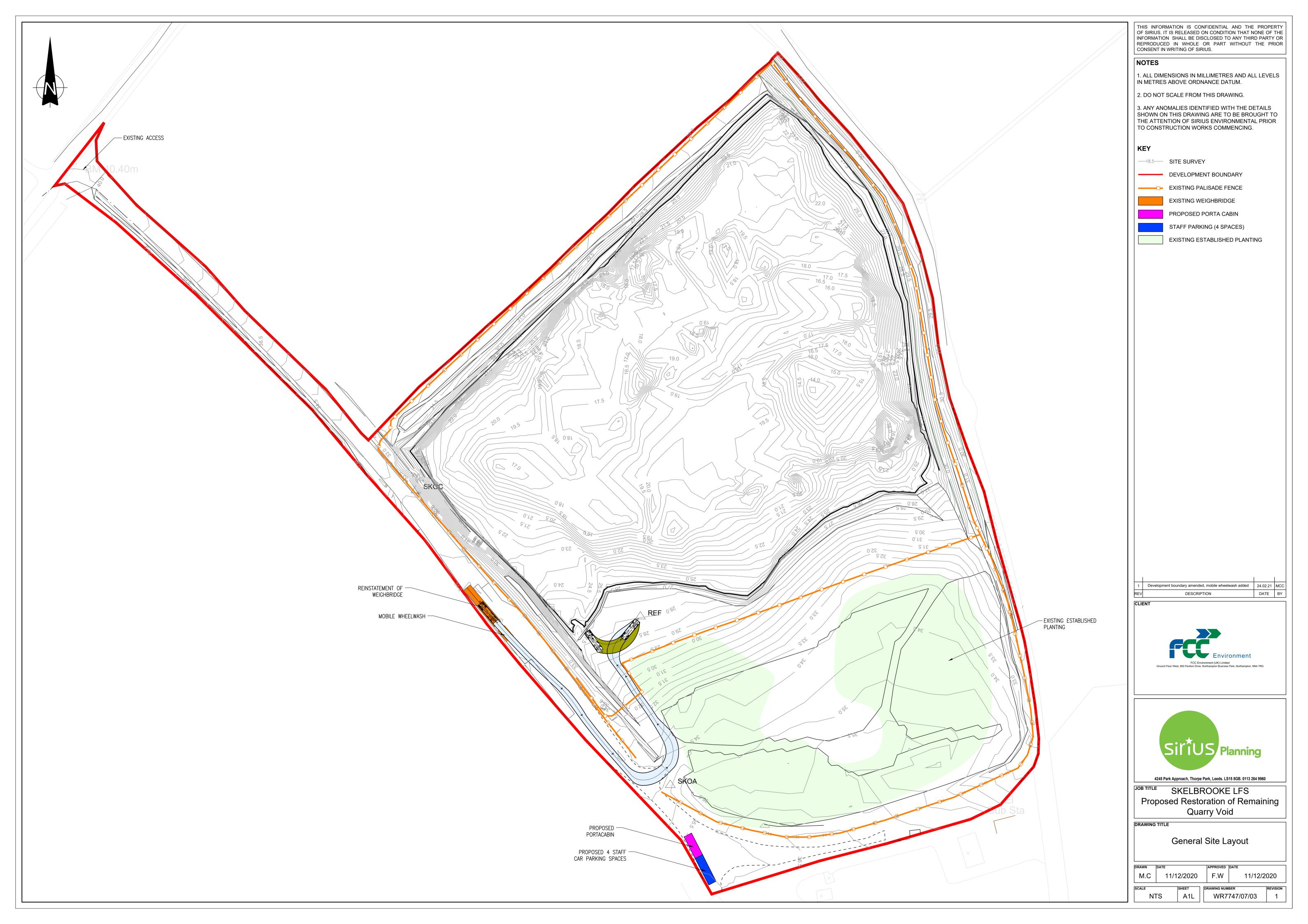


DRAWINGS



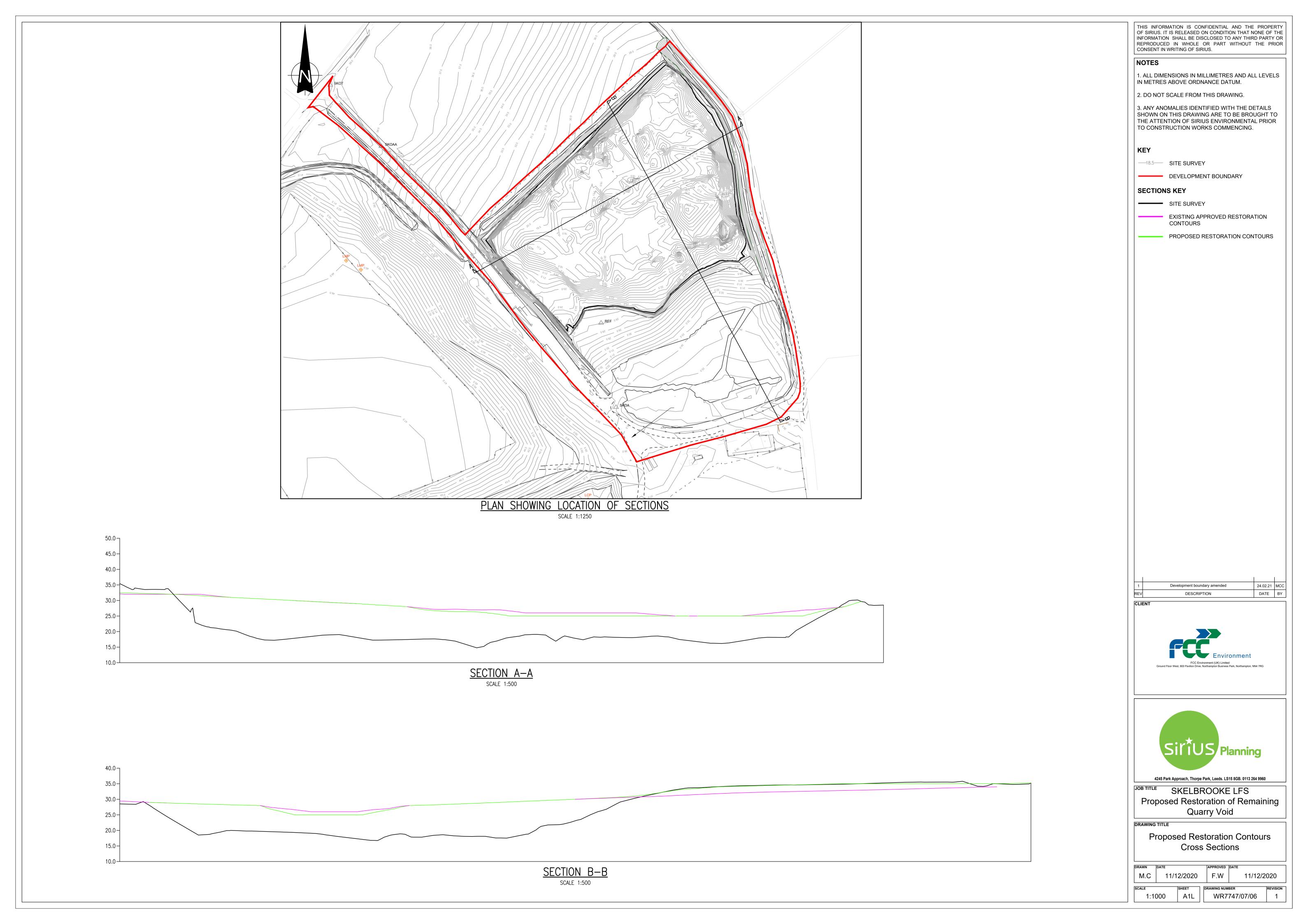


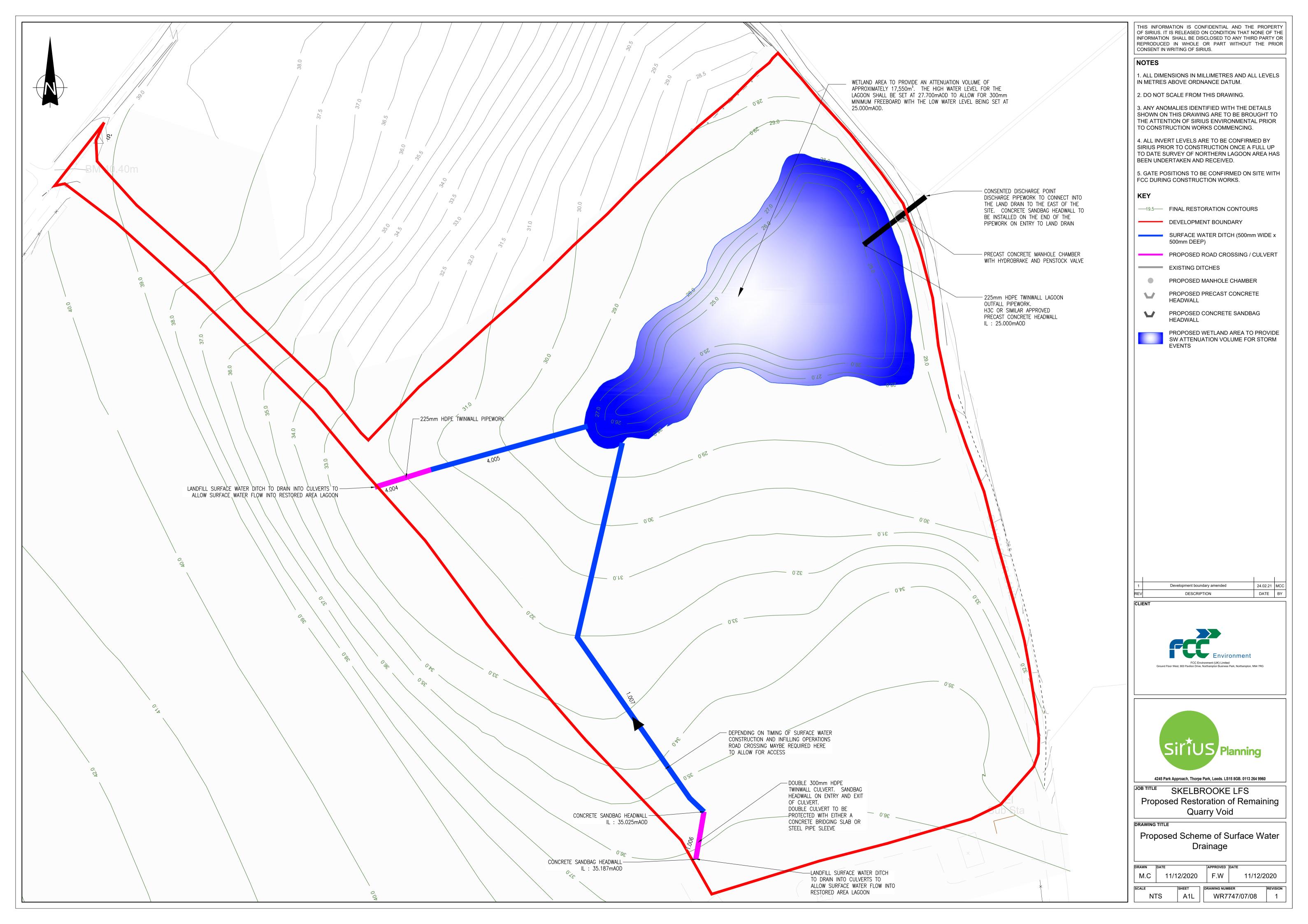












transplant shall have been transplanted or undercut at least once, the age and height shall be to BS 3936 and shall be: 600 1 + 1 1 year seedling 400-600mm high (transplanted for 1 year) Plants shall be guarded using 60cm Clear Spiral Guards (or similar approved), staked with a single 4' cane 22/24mm diameter, hammered a minimum of 400mm with wider end below ground . SECTION oil level at nursery to be marked. Plant transplant at a depth to match is level. Allow for watering hollow Planting trench 600widex300mm deep. Sides of pit loosened with fork prior to planting. Backfill with a mix of 2 parts excavated material and 1 part planting compost containing trace elements incorporated at the specified rate. The compost shall have a pH of 6.5-7.5 and shall include an N.F.K. slow release fertiliser (31,17:10) at the rate of 60 grams per plant. Backfill as specified and lightly consolidated. Break up bottom of pit to a depth of 150mm.

PLANTING METHOD & SPACING

- Planting pit 300x300x300mm deep. Sides of pit loosened with fork prior to planting, Backfill with a mix of topsoil (to BS 3882) and 10 litres of peat free organic planting compost with a pH of 6.5-7.5 Incorporate "Sierrablen Flora" slow release fertiliser tablets (15+9+9NPK) at the rate of 2 x15g tablets per pit.
- Soil level at nursery to be marked. Plant tree at a depth to match this level. Allow for watering hollow.
- 3 Break up bottom of pit to a depth of 150mm.
- Tree shelter 600mm high (colour: Green)
 Nested in 5 diameters from 80mm to 120mm.
 Available from: Tubex Plant Care Products,
 or similar approved.
- (5) Base of guard firmly pressed into soil Earth up if necessary.
 Surface vegetation removed within at least 50cm of planting position.
- 2 no.Pre-fitted releasable nylon ties, fitted about 350mm apart
- The stake shall be 750 x 32 x 32mm peeled larch or chestnut previously treated with wood preservative to BS 1282. Driven a minimum of 150mm below ground level.

Care shall be taken not to drive stake in too deep so as to penetrate cap.

DETAIL 2 TRANSPLANT - WOODLAND AND SCRUB AREAS

SKELBROOKE PLANTING MIXES

HEDGEROW PLANTING DETAIL

6 PER LINEAR METRE DOUBLE STAGGERED ROW

DFTAII 1

PLAN

Native Woodland Mix Area 9 Area 10 Area 11 Total Specification 750m² 1400m² 1500m² 40-60, 1+1 38 70 75 Species Common Name Acer campestre Alnus glutinosa Alder 2m centres 40-60. 1+1 38 70 75 **183** 40-60, 1+1 Betula pendula Birch 2m centres 40-60, 1+1 38 70 75 183 40-60, 1+1 56 105 113 274 40-60, 1+1 19 35 33 87 2m centres Crataegus monogyna Populus tremula Aspen 2m centres Prunus spinosa **40-60, 1+1** 114 210 225 **549** Quercus robur Oak 2m centres

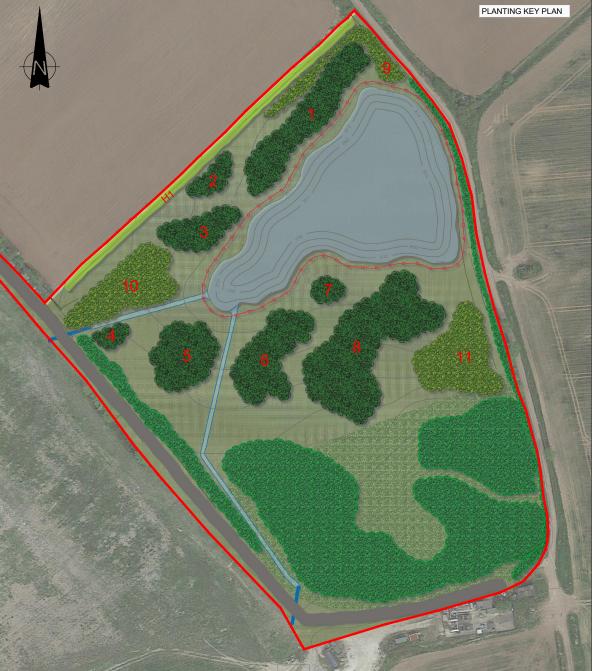
Native Scrub Planting Mix								Qua	ntity				
						Area 2	Area 3	Area 4	Area 5	Area 6	Area 7	Area 8	Total
Species	Common Name	% mix	Density	Specification	1610m²	350m²	700m²	200m²	1060m²	1320m²	230m²	2840m²	
Corylus avellana	Hazel	15	2m centres	40-60, 1+1	121	27	54	15	80	99	18	213	627
Crataegus monogyna	Hawthorn	10	2m centres	40-60, 1+1	81	18	36	10	53	66	12	142	418
Ligustrum vulgare	Privet	20	2m centres	40-60, 1+1	162	36	72	20	106	132	24	284	836
Prunus avium	Wild Cherry	15	2m centres	40-60, 1+1	121	27	54	15	80	99	18	213	627
Viburnum opulus	Guelder Rose	15	2m centres	40-60, 1+1	121	27	54	15	80	99	18	213	627
Rosa canina	Dog Rose	10	2m centres	40-60, 1+1	81	18	36	10	53	66	12	142	418
Cambusus pigra	Eldor	15	3m contros	40 60 1+1	121	27	ΕA	10	00	00	10	212	627

Plants to be planted in odd number groups, minimum 5 plants per group

Native Hedgerow Mix

					TOTAL
Species	Common Name	% mix	Density	Specification	210 L M
Acer campestre	Field Maple	2		40-60, 1+1	28
Corylus avellana	Hazel	5		40-60, 1+1	70
Crataegus monogyna	Hawthorn	70	300mm centres,	40-60, 1+1	980
Prunus avium	Wild Cherry	6	double staggered	40-60, 1+1	84
Prunus spinosa	Blackthorn	10	row, 400mm apart, in	40-60, 1+1	140
Quercus petraea	Sessile Oak	2	groups of at least 3-5	40-60, 1+1	28
Rosa canina	Dog Rose	2.5	of same species	40-60, 1+1	35
Viburnum Opulus	Guelder Rose	2.5	1	40-60, 1+1	35
·	•	100	7		1400

Plants to be planted in odd number groups, minimum 3 plants per group (excl Hawthorn)



GENERAL NOTES

Figured dimensions only are to be used. Any discrepancies between this drawing and other information shall be reported to the supervisor.

This drawing is for planning application purposes only and not issued for construction.

This drawing is to be read in conjunction with FCC Sirius Planning Dwg No.WR7747 07 02

Do not plant within a 2m radius of each site infrastructure eg boreholes.

GENERAL

ALL PLANTING

All trees and shrubs shall be to BS3936 and handled in accordance with BS4428. Sizes as indicated on drawing. Planting to be carried out in accordance with and as per details shown on the drawing. Regular monitoring of the planting should be carried out, including straightening and refirming at

OUTLINE SPECIFICATION NOTES

NATIVE TRANSPLANTS

ants to be planted in-accordance with and as per Planting Plan & Detail 1. Refer to schedules for numbers

HEDGEROW

NATIVE TRANSPLANTS

plants to be planted in-accordance with and as per Planting Plan & Detail 2. Refer to

All ground to be reinstated to restoration levels. All track marks to be made good and reinstated to

MAINTENANCE

MAINT LEARNING.
All planting is subject to a 15 years maintenance and 3 year plant defect guarantee. Any plant that fails within that period is to be replaced with one of the same specification or of a larger size as to match the maturing planting to be advised by the CA.

GRASSLAND

During the first year, the calcareous grassland will be cut to a height no lower than 50mm, three or four times in the first growth year, to form a well tillered and established sward. The cuttings will not be removed during this time. From year 2 onwards the grassland will be cut twice a year on a rotational (in early July) and late September). Cutting will be no longer than 50mm in height. Fertiliser applications will not be required for these areas during the aftercare period.

NATIVE TREES, TRANSPLANTS & HEDGEROW
All planting shall be kept weed free throughout the season for a period of five years or until the woodland and scrub blocks establish. Allow for a 500mm radius weed free area to each transplant and tree throughout the season. Apply an approved translocated herbicide a minimum of three

Allow for cutting all grass areas between plants within plantations a minimum of three times during the season or as required to prevent grass growing above 75mm. Leave arisings.

All hedgerows shall be kept in a weed free condition along its entire length and a minimum of 500mm from the outer edge of the hedgerow line. Apply an approved translocated herbicide a minimum of three times per season until established.

All Tubex guards / spiral guards are to be kept free from weed growth throughout the season by hand, removing arisings from site. All build up of soils within guards are to be cleaned out as required.

All guards / ties / stakes are to be checked for damage at every visit or after strong winds.

All guards should be straightened and broken stakes replaced as required. Tree ties shall be checked for damage or potential rubbing at every visit.

Hedgerows should be' topped' after their second season if required to promote bushy growth.

Watering should be undertaken as required to allow for early and continued establishment of planting if there is a prolonged period of drought.

All fencing / boundary treatment is to be checked for damage at every visit. Allow for restraining an repairing any damage as required.

WETLAND AREA

Observational monitoring of rate of natural colonisation of the water areas will be made Observational monitoring or rate or natural commission or time water areas win be made throughout the aftercare period. Invasions of undesirable species will be dealt with upon agreement with the Local Planning Authority. Upon excessive silting and vegetation colonization within the wetland areas, occasional clearing will take place within the aftercare period as required. Any excessive shading from shrubs and trees will be restricted via selective pruning.

Areas of willow scrub will be allowed to establish naturally along a small length of the wetland

THIS INFORMATION IS CONFIDENTIAL AND THE PROPERTY OF SIRIUS, IT IS RELEASED ON CONDITION THAT NONE OF THE INFORMATION SHALL BE DISCLOSED TO ANY THIRD PARTY OR REPRODUCED IN WHOLE OR PART WITHOUT THE PRIOR CONSENT IN WRITING OF SIRIUS.

DEVELOPMENT BOUNDARY

> PROPOSED RESTORATION CONTOURS



EXISTING WOODLAND / SCRUB PLANTING



PROPOSED NATIVE WOODLAND PLANTING



PROPOSED NATIVE SCRUB PLANTING



PROPOSED NATIVE HEDGEROW



PROPOSED WETLAND AREA TO PROVIDE SURFACE WATER ATTENUATION VOLUME FOR STORM EVENTS



SURFACE WATER DITCH



FENCE



TUSSOCK GRASSLAND & RESTORATION CONTOURS



CALCAREOUS GRASSLAND & RESTORATION CONTOURS



EXISTING PUBLIC RIGHT OF

DATE BY CLIENT





4245 Park Approach, Thorpe Park, Leeds. LS15 8GB. 0113 264 9960

PROPOSED RESTORATION OF SKELBROOKE LANDFILL **EXTENSION**

SITE RESTORATION -LANDSCAPE DETAILS

19/11/2021 F.W 19/11/2021 A.S A3L WR7747_07_10



APPENDIX WRP1 Planning Consent Ref.: 96/50/1641/P/MIN

Application Ref: 96/50/1641/P/MIN

Date of Planning & Design Services Committee Meeting: 23rd December 1996

Applicant :

₹r = - 14

Agent :

Darrington Quarries Ltd
Darrington Leys
Cridling Stubbs
KNOTTINGLEY
West Yorkshire
WF11 OAH

TOWN AND COUNTRY PLANNING ACT 1990 (AS AMENDED)
TOWN AND COUNTRY PLANNING (GENERAL DEVELOPMENT PROCEDURE) ORDER 1995
ENVIRONMENT ACT 1995

PROPOSAL: EXTRACTION OF LIMESTONE, RESTORATION OF LAND BY LANDFILL,

RELOCATION OF PROCESSING PLANT AND RETENTION OF EXISTING

QUARRY ACCESS ON APPROX. 6.8HA OF LAND

LOCATION: SKELBROOKE QUARRY STRAIGHT LANE SKELBROOKE

The Doncaster Metropolitan Borough Council acting as the Local Planning Authority, has considered your application described above and has decided to GRANT PERMISSION subject to the following CONDITIONS/DIRECTIVES as set out below. Your further attention is drawn to any informatives attached thereafter.

THIS DECISION IS SUBJECT TO THE TERMS OF THE AGREEMENT MADE UNDER SECTION 106 OF THE TOWN AND COUNTRY PLANNING ACT 1990 (AS AMENDED).

COMMENCEMENT

The development hereby permitted shall be begun within 5 years of the date of this permission, written notification of the date of commencement shall be sent to the Mineral Planning Authority within seven days of such commencement. REASON

Acting Director of Planning and Design Services

Date of Issue: 16 IAN 1998

THE DEVELOPMENT HEREBY GRANTED SHALL BE CARRIED OUT IN ACCORDANCE WITH THESE CONDITIONS AND THE DETAILS SHOWN ON THE APPROVED PLANS. YOU ARE REMINDED THAT THE COUNCIL HAS THE STATUTORY AUTHORITY TO TAKE ANY NECESSARY ACTIONS TO ENSURE COMPLIANCE WITH THE TERMS OF THIS DECISION

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To ensure that the development is completed within a reasonable timescale.

PLANS

The development shall take place in full accordance with planning application details 96/50/1641/P/MIN, approved statement of application dated 13th June 1996, reference 96/1641/P, approved plans DQL/06/14; DQL/06/61a; DQL/06/62; DQL/06/63; DQL/06/64; DQL/06/65; DQL/06/66; DQL/06/67; DQL/06/68; DQL/06/69; DQL/06/70a; DQL/06/71; assessment of environmental impact of noise and dust emissions dated April 1996 and referenced 2D-031-001; unless otherwise set out in the conditions stated below which shall in all cases take precedence. REASON

To ensure that the development takes place in full accordance with the approved submission and planning conditions.

A copy of the planning permission and any agreed variations, together with all the approved plans, shall be kept available at the site office at all times.

REASON

To ensure that all site operators are aware of the details of the planning permission.

TIME LIMITS

The development hereby permitted shall have a duration of 10 years from the date of commencement by which time all minerals extraction, waste disposal and restoration works will have been completed.

REASON

To ensure that the development is completed within a reasonable time scale, having regard to material considerations and the Development Plan.

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PRIOR CESSATION

Acting Director of Planning and Design Services

Date of Issue: 16 JAN 1998

THE DEVELOPMENT HEREBY GRANTED SHALL BE CARRIED OUT IN ACCORDANCE WITH THESE CONDITIONS AND THE DETAILS SHOWN ON THE APPROVED PLANS. YOU ARE REMINDED THAT THE COUNCIL HAS THE STATUTORY AUTHORITY TO TAKE ANY NECESSARY ACTIONS TO ENSURE COMPLIANCE WITH THE TERMS OF THIS DECISION

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In the event of quarrying and waste disposal operations ceasing for a period in excess of 12 months at any time before the full term hereby permitted, the application site shall be restored in accordance with a scheme of restoration to be submitted within 18 months of any such cessation for the prior written approval of the Mineral Planning Authority detailing final restoration levels, surface treatment, drainage, landscape and timing of restoration. Within 12 months of written approval the restoration shall be completed and the aftercare scheme referred to in Condition 55 be begun.

REASON

To ensure the land is restored to an acceptable standard.

ACCESS AND PROTECTION OF PUBLIC HIGHWAY

The sole means of access onto the public highway shall be via the existing access arrangements into Skelbrook Quarry, as indicated on Plan DQL/06/61a attached to this permission.

REASON

In the interests of local amenity, the protection of the public highway and highway safety.

The existing access and arrangements, including facilities to wash the wheels of vehicles, facilities to count the number of HGVs entering and leaving the site and the metalled surfacing of the access road shall be maintained for the duration of all mineral extraction, waste disposal and restoration works at the site for the duration of this permission.

REASON

In the interests of local amenity, the protection of the public highway and highway safety.

The operator shall erect and maintain a prominent sign located on the access road near to the egress onto Straight Lane which shall advise lorry drivers bound for the A1(T) north to turn right and those bound for the A1(M) south to turn left.

REASON

Acting Director of Planning and Design Services

Date of Issue:

16 JAN 1998

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In the interests of local amenity, the protection of the public highway and highway safety.

In the event that the access arrangements covered at Condition 7 fail to prevent mud/dust being carried on to the public highway the operator shall submit for the written approval of the Mineral Planning Authority a scheme detailing measures to be taken to prevent the deposit of mud/dust onto the public highway and thereafter implement and utilise the approved scheme for the duration of all operations on the site.

REASON

In the interests of local amenity, the protection of the public highway and highway safety.

PROTECTION OF AMENITY

The maximum number of heavy goods vehicles entering the site shall not exceed 170 per day unless otherwise agreed in writing with the Mineral Planning Authority.

REASON

In the interests of local amenity and highway safety.

The site operator shall provide to the Mineral Planning
Authority a report indicating the total number of vehicles
leaving the site and gaining access directly onto the public
highway at quarterly intervals (March, June, September and
December) for the duration of the planning permission hereby
approved.
REASON

In the interests of local amenity and highway safety.

All vehicles leaving the site loaded with mineral or other products derived from the site shall be securely sheeted with the exception to this requirement being:

(a) loads of large individual rocks with dimensions in excess of 500 mm.

REASON

In the interests of local amenity and highway safety.

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Unless otherwise agreed in writing by the Mineral Planning
Authority the starting and warm up of all plant and
machinery on site shall only be carried out between the
following hours:

Monday to Friday

0700 - 1800 hours

Saturdays

0700 - 1300 hours

with no working on Sundays or on Bank Holidays. REASON

In the interests of local amenity and highway safety.

Unless otherwise agreed in writing by the Mineral Planning
Authority, mineral extraction and processing and the egress
of minerals carrying vehicles shall only be carried out
during the following hours:

Monday to Friday

0730 - 1800 hours

Saturdays

0730 - 1300 hours

with no working on Sundays or on Bank Holidays.

REASON

In the interests of local amenity and highway safety.

Unless otherwise agreed in writing by the Mineral Planning Authority, waste disposal and the egress of waste haulage vehicles shall only be carried out during the following hours:

Monday to Friday

0730 - 1800 hours

Saturdays

0730 - 1300 hours

with no waste disposal operations on Sundays or Bank Holidays.

REASON

In the interests of local amenity and highway safety.

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All noise mitigation measures detailed in Section 8.0 (Recommendations with respect to noise emissions) of the approved document SECOR 4D-031-001, shall be carried out for

Acting Director of Planning and Design Services

Date of Issue:

16 JAN 1998



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the duration of the development.

REASON

To ensure that noise arising from the development does not exceed permitted levels.

Other than in accordance with Condition 18, noise arising from the permitted site shall not exceed 55 dB Laeq.

1h(freefield) at noise measurement points at Doncaster Lane, Bannister Lane, Priory Farm and Home Farm as detailed in approved document SECOR 4D-031-001, Section 4.3.

REASON

To ensure that noise arising from the development does not exceed permitted levels.

Noise arisings from the permitted site during temporary overburden stripping, earth moving and soil bund creation operations shall not exceed 70 dB Laeq. lh(freefield) at noise measurement points at Doncaster Lane, Bannister Lane, Priory Farm and Home Farm as detailed in approved document SECOR 4D-031-001, Section 4.3 unless otherwise agreed in writing with the Mineral Planning Authority.

To ensure that noise arising from the development does not exceed permitted levels.

Within three months of the date of commencement of the development a noise monitoring scheme shall be submitted for the written approval of the Mineral Planning Authority. Such a scheme shall specify the method, location and frequency of noise monitoring to be carried out by the developer, and the provision of periodic monitoring reports to the Mineral Planning Authority by the developer. The Mineral Planning Authority shall be given advance notice of monitoring occasions.

REASON

To ensure that noise arising from the development does not exceed permitted levels.

All dust mitigation measures detailed in Section 14.0 (Recommendations with respect of potential dust emissions)

Acting Director of Planning and Design Services

Date of Issue:

16 JAN 1998

THE DEVELOPMENT HERBY GRANTED SHALL BE CARRIED OUT IN ACCORDANCE WITH THESE CONDITIONS AND THE DETAILS SHOWN ON THE APPROVED PLANS. YOU ARE REMINDED THAT THE COUNCIL HAS THE STATUTORY AUTHORITY TO TAKE ANY NECESSARY ACTIONS TO ENSURE COMPLIANCE WITH THE TERMS OF THIS DECISION

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of the approved document SECOR 4D-031-001, shall be carried out for the duration of the development.

REASON

To ensure that dust emissions arising from the development are within acceptable levels.

A water bowser or other method of dust suppression shall be used on the access road during dry weather conditions to minimise dust generation.

REASON

To ensure that dust emissions arising from the development are within acceptable levels.

Notwithstanding the provisions of Schedule 2 of the Town and Country Planning (General Permitted Development) Order 1995, no fixed plant or buildings shall be erected or stored on the site without the prior written approval of the Mineral Planning Authority.

REASON

To ensure that the development takes place in accordance with the approved details and that further development be subject to the approval of the Mineral Planning Authority.

WATER AND DRAINAGE

Any facilities for the storage of oils, fuels or chemicals shall be sited on impervious bases and surrounded by impervious bund walls. The volume of the bunded compound should be at least equivalent to the capacity of the tank plus 10%. If there is multiple tankage, the compound should be at least equivalent to the capacity of the largest tank, or the combined capacity of interconnected tanks, plus 10%. All filling points, vents, gauges and sight glasses must be located within the bund. The drainage system of the bund shall be sealed with no discharge to any watercourse, land or underground strata. Associated pipework should be located above ground and protected from accidental damage. All filling points and tank overflow pipe outlets should be detailed to discharge downwards into the bund.

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REASON

To ensure the protection of water resources.

PROTECTION OF AGRICULTURAL INTEREST

SOIL STRIPPING

Prior to the commencement of soil stripping, the approved site perimeter ditches, settlement lagoons and other drainage facilities appropriate to the area to be stripped shall be completed.

REASON

In the interests of the agricultural resource.

The Mineral Planning Authority shall be given at least 48 hours notice (excluding Sundays and Bank Holidays), of any intended phase of topsoil or subsoil stripping.

REASON

In the interests of the agricultural resource.

All available topsoil shall be stripped from any areas to be excavated, or used for the stationing of plant and buildings, the storage of subsoil and overburden, haul roads and other areas to be traversed by heavy machinery, and stored until required for restoration purposes, unless otherwise approved for progressive restoration. No plant or vehicle shall cross any areas of unstripped topsoil except for the purpose of stripping operations.

REASON

In the interests of the agricultural resource.

The Mineral Planning Authority shall be given the opportunity (with at least 48 hours notice, excluding Sundays and Bank Holidays) to verify that the full depth of topsoil has been satisfactorily stripped prior to the commencement of subsoil stripping.

REASON

In the interests of the agricultural resource.

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All available subsoil shall be stripped from this site and shall be moved westwards and be utilised in the restoration of the existing quarry (planning permission reference 88/50/2807).

REASON

In the interests of the agricultural resource.

The stripping and movement of topsoil, subsoil and subsoil substitute shall only be carried out under sufficiently dry and friable conditions to avoid soil smearing and compaction and to ensure that all available soil resources are recovered. Appropriate methods of soil stripping shall be separately agreed with the Mineral Planning Authority for any permanently wet or waterlogged areas of the site.

REASON

In the interests of the agricultural resource.

SOIL STORAGE

Topsoils, subsoils and other soil making materials which have not been approved for immediate use in progressive restoration, shall be stored according to their quality (as indicated by the MAFF Statement of Physical Characteristics) in separate mounds in locations to be agreed in writing with the Mineral Planning Authority.

REASON

In the interests of the agricultural resource.

No subsoil resources shall be removed from the site, unless they are to be utilised in the restoration of the existing quarry (planning permission reference 88/50/2807).

REASON

In the interests of the agricultural resource.

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Once formed, all mounds in which soils are to be stored for more than 6 months, or over the winter period shall be grass seeded in accordance with a specification agreed beforehand with the Mineral Planning Authority to minimise erosion and weed infestation. Any weeds shall be regularly controlled.

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REASON

In the interests of the agricultural resource.

Within 3 months of the formation of topsoil, subsoil and soil making material mounds, the Mineral Planning Authority shall be supplied with a plan indicating the areas which have been stripped of such materials, location of each mound, and a balance of the quantities of materials stored with the proposed depth and texture of the soil profile to be replaced following restoration.

REASON

In the interests of the agricultural resource.

DRAINAGE AND WATER POLLUTION

All water from the site shall be discharged into the approved settlement ponds prior to discharge into any ditch, stream, watercourse or culvert outside the site.

REASON

To ensure the protection of water resources.

SITE MAINTENANCE

From the commencement of the development until restoration of the site, the following shall be carried out:-

- a) Where applicable, the retention of fencing around trees and hedgerows; and adjacent to highways.
- b) The treatment of trees affected by disease, in accordance with accepted principles of good woodland practice.
- c) All areas including stacks of soil and overburden to be kept free of weeds, and necessary steps taken to destroy weeds at an early stage of growth to prevent seeding.

REASON

To ensure the agricultural restoration of the land to a

Acting Director of Planning and Design Services

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similar quality as that which existed prior to development taking place.

REMOVAL OF SETTLEMENT PONDS

Upon cessation of mineral extraction, all settlement ponds shall, unless to be retained in accordance with the approved plans, be emptied of slurry, filled with dry inert material and restored.

REASON

To ensure the agricultural restoration of the land to a similar quality as that which existed prior to development taking place.

REPLACEMENT OF OVERBURDEN

After cessation of mineral extraction, overburden and any other permitted fill materials shall be replaced to such levels so that, after the replacement of subsoil and topsoil the contours of the restored land will conform with the approved restoration contours.

REASON

To ensure the agricultural restoration of the land to a similar quality as that which existed prior to development taking place.

The final layer of overburden shall be graded and levelled to minimise the risk of ponding or erosion.

To ensure the agricultural restoration of the land to a similar quality as that which existed prior to development taking place.

The Mineral Planning Authority shall be notified when Condition 38 has been complied with, and given the opportunity (with at least 48 hours notice, excluding Sundays and Bank Holidays), to inspect the surface before further restoration work is carried out.

To ensure the agricultural restoration of the land to a

Acting Director of Planning and Design Services

Date of Issue:

16 JAN 1998

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similar quality as that which existed prior to development taking place.

REPLACEMENT OF SUBSOIL

The subsoil requirement for this site shall be obtained from the soil store described at Appendix E of the approved statement of application dated 13th June 1996, reference 96/1641/P.

REASON

To ensure the agricultural restoration of the land to a similar quality as that which existed prior to development taking place.

Prior to the replacement of subsoil, the surface onto which it is to be placed shall be scarified to alleviate compaction, and surface picked of any stones or other materials capable of impeding normal agricultural or land drainage operations. The material recovered from the soil store described at Appendix E of the approved statement of application dated 13th June, reference 96/1641/P shall only be respread when it, and the ground onto which it is to be placed, are in a dry and friable condition.

REASON

To ensure the agricultural restoration of the land to a similar quality as that which existed prior to development taking place.

After Conditions 39 and 41 have been complied with, the soil store described in Condition 40 shall be respread, in two layers of equal thickness to an overall minimum depth of 600 mm using the better quality materials to best advantage as upper layer subsoil.

REASON

To ensure the agricultural restoration of the land to a similar quality as that which existed prior to development taking place.

Each layer formed in accordance with Condition 42 shall be rooted and cross rooted to its full depth by a heavy duty

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Acting Director of Planning and Design Services

Date of Issue:

16 JAN 1998

THE DEVELOPMENT HEREBY GRANTED SHALL BE CARRIED OUT IN ACCORDANCE WITH THESE CONDITIONS AND THE DETAILS SHOWN ON THE APPROVED PLANS. YOU ARE REMINDED THAT THE COUNCIL HAS THE STATUTORY AUTHORITY TO TAKE ANY NECESSARY ACTIONS TO ENSURE COMPLIANCE WITH THE TERMS OF THIS DECISION

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subsoiling implement with winged times set no wider than 600 mm apart. Any non-subsoil type material or rock, boulder or stone larger than would pass thorugh a wire screen mesh with a spacing of 150 mm shall be removed from the surface and not buried within the respread subsoil. REASON

To ensure the agriculturaL restoration of the land to a similar quality as that which existed prior to development taking place.

All areas of exposed subsoil, not previously excavated, shall be rooted to 450 mm depth at 600 mm spacings, to relieve compaction and surface picked to remove any obstructions to cultivation as defined by Condition 43.

REASON

To ensure the agricultural restoration of the land to a similar quality as that which existed prior to development taking place.

The Mineral Planning Authority shall be given the opportunity to inspect each stage of the work completed in accordance with Conditions 43 and 44 prior to further restoration work being carried out.

REASON

To ensure the agricultural restoration of the land to a similar quality as that which existed prior to development taking place.

46 Following compliance with Conditions 41 and 42, the surface shall be graded to ensure that, after replacement of topsoil in accordance with Condition 50, the contours of the land shall conform with the approved restoration contours.

REASON

To ensure the agricultural restoration of the land to a similar quality as that which existed prior to development taking place.

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REPLACEMENT OF TOPSOIL

Acting Director of Planning and Design Services

Date of Issue:

16 IAN 1998



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The respreading of topsoil shall only be carried out when the material and the ground onto which it is to be placed are in a dry and friable condition and in sufficient time for subsoiling, cultivation and reseeding to take place under normal weather conditions, before the end of September.

REASON

To ensure the agricultural restoration of the land to a similar quality as that which existed prior to development taking place.

After Condition 46 has been complied with, topsoil shall be respread to a minimum depth of 300 mm over the area intended for an agricultural afteruse and graded to the contours shown on the approved restoration plan.

REASON

To ensure the agricultural restoration of the land to a similar quality as that which existed prior to development taking place.

The Mineral Planning Authority shall be given the opportunity to inspect the topsoil respread in accordance with Condition 48 prior to further cultivations being carried out.

REASON

To ensure the agricultural restoration of the land to a similar quality as that which existed prior to development taking place.

Within 3 months of the restoration of the final topsoil layer, the developer shall make available to the Mineral Planning Authority a plan with contours at sufficient intervals to indicate the final restored landform of the site, together with a record of the depth and composition of the reinstated soil profiles.

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REASON

To ensure the agricultural restoration of the land to a similar quality as that which existed prior to development taking place.

RESTORED SOIL PROFILE

Acting Director of Planning and Design Services

Date of Issue: 16 IAN 1998

THE DEVELOPMENT HEREBY GRANTED SHALL BE CARRIED OUT IN ACCORDANCE WITH THESE CONDITIONS AND THE DETAILS SHOWN ON THE APPROVED PLANS. YOU ARE REMINDED THAT THE COUNCIL HAS THE STATUTORY AUTHORITY TO TAKE ANY NECESSARY ACTIONS TO ENSURE COMPLIANCE WITH THE TERMS OF THIS DECISION



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The restored soil profile should be a minimum of 1.2 metres deep, comprising 300 mm of topsoil, 600 mm of genuine subsoil and 300 mm of coarse limestone, over the clay cap. REASON

To ensure the agricultural restoration of the land to a similar quality as that which existed prior to development taking place.

RESTORATION

The site shall be restored in accordance with the details contained in the approved statement of application dated 13th June 1996, reference 96/1641/P.

REASON

To ensure that the site is restored to an acceptable standard.

On the cessation of workings, all buildings, plant, surface equipment, hardstanding areas and internal haul roads shall be removed from the site within 12 months of the date of such cessation, unless otherwise agreed by the Mineral Planning Authority.

REASON
To ensure that the site is restored to an acceptable

standard.

AFTERCARE

The period of aftercare shall commence following compliance with Condition 48 on any part of the site and shall extend for a minimum of 5 years effective management from the date of final topsoil restoration for the whole site as confirmed in writing by the Mineral Planning Authority in consultation with the Ministry of Agriculture, Fisheries and Food.

REASON

To ensure that the site is adequately managed following restoration in the interests of the agricultural resource.

Within 12 months from the date of this permission the Detailed Annual Programme (DAP) for the first year of

Acting Director of Planning and Design Services

Date of Issue:

16 JAN 1998

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THE DEVELOPMENT HEREBY GRANTED SHALL BE CARRIED OUT IN ACCORDANCE WITH THESE CONDITIONS AND THE DETAILS SHOWN ON THE APPROVED PLANS. YOU ARE REMINDED THAT THE COUNCIL HAS THE STATUTORY AUTHORITY TO TAKE ANY NECESSARY ACTIONS TO ENSURE COMPLIANCE WITH THE TERMS OF THIS DECISION

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aftercare will be submitted to the Mineral Planning Authority for approval and should be in accordance with the guidance in Annex A (para.A59 to A86) of MPG7 (November 1996).

REASON

To ensure that the site is adequately managed following restoration in the interests of agricultural resource.

ANNUAL REVIEW

Before 30 September of every year during the aftercare period, a report shall be submitted by the developer to the Mineral Planning Authority recording the operations carried out on the land since the date of restoration, or previous aftercare meeting, and setting out the intended operations for the next 12 months.

REASON

To ensure that the site is adequately managed following restoration in the interests of the agricultural resource.

Before 30 November of every year during the aftercare period, the developer shall arrange to attend a site meeting with the Mineral Planning Authority and the Ministry of Agriculture, Fisheries and Food on a mutually agreed date to discuss the report prepared in accordance with Condition 56, and to which the following parties shall also be invited:

- a) All owners of land within the site.
- b) All occupiers of land withi the site.
- c) Representatives of other statutory bodies as appropriate.

The developer shall arrange additional aftercare meetings as required by the Mineral Planning Authority (in consultation with the Ministry of Agriculture, Fisheries and Food).
REASON

To ensure that the site is adequately managed following restoration in the interests of the agricultural resource.

Acting Director of Planning and Design Services

Date of Issue:

16 JAN 1998

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THE DEVELOPMENT HEREBY GRANTED SHALL BE CARRIED OUT IN ACCORDANCE WITH THESE CONDITIONS AND THE DETAILS SHOWN ON THE APPROVED PLANS. YOU ARE REMINDED THAT THE COUNCIL HAS THE STATUTORY AUTHORITY TO TAKE ANY NECESSARY ACTIONS TO ENSURE COMPLIANCE WITH THE TERMS OF THIS DECISION



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CULTIVATION AFTER REPLACEMENT OF TOPSOIL

As soon as the ground is sufficiently dry after compliance with Condition 48 the land shall be subsoiled, using an agricultural winged tined subsoiler, operating at a depth and tine spacing agreed beforehand with the Mineral Planning Authority. Any stones lying on the surface and which are larger than would pass a wire screen mesh with a spacing of 100 mm together with any other objects likely to obstruct future cultivations, shall be removed from the site.

REASON

To ensure that the site is adequately managed following restoration in the interests of the agricultural resource.

Following compliance with Condition 58 the land shall be worked to prepare a seedbed suitable for sowing. During the cultivation process any stones or obstacles to cultivation as defined by Condition 58 shall be removed from the site.

REASON

To ensure that the site is adequately managed following restoration in the interests of the agricultural resource.

By no later than the end of September following compliance with Condition 59 the land shall be sown. Details of the mixture including species and seed rate shall be agreed with the Mineral Planning Authority before sowing takes place.

REASON

To ensure that the site is adequately managed following restoration in the interests of the agricultural resource.

Where adverse weather conditions or other delays prevent compliance with Condition 60 alternative treatment of the restored soils, to stabilise these over the winter period shall be agreed with the Mineral Planning Authority.

REASON

To ensure that the site is adequately managed following restoration in the interests of the agricultural resource.

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PROVISION OF SURFACE FEATURES

Acting Director of Planning and Design Services

Date of Issue:

16 JAN 1998

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Where existing hedges and trees or where hedges and trees are required under the approved restoration plan, these shall be planted/maintained to a detailed specification agreed beforehand with the Mineral Planning Authority, during the first available planting/maintenance season (which runs between 1 November and 31 March).

To ensure that the site is adequately managed following restoration in the interests of the agricultural resource.

DRAINAGE/WATER SUPPLY/PUMPING

During the aftercare period, temporary drainage works (e.g. ditches, watercourses, settling lagoons) shall be carried out as necessary to prevent soil erosion, flooding of land within or outside the site, or the erosion or silting up of existing drainage channels within or outside the site.

REASON

To ensure that the site is adequately managed following restoration in the interests of the agricultural resource.

On completion of the first annual review meeting, in accordance with Condition 56, the Mineral Planning Authority (in conjunction with the Ministry of Agriculture, Fisheries and Food and the mineral operator) shall determine whether a comprehensive agricultural field drainage system, conforming to the normal design criteria for restored land is required. If such a scheme is required from the operator it should be in accordance with a scheme to be submitted within 12 months from the date of the first annual review meeting and submitted to the Mineral Planning Authority for approval, and shall be installed at a time to be agreed no later than 3 years, following compliance with Condition 46.

To ensure that the site is adequately managed following restoration in the interests of the agricultural resource.

At least 48 hours notice (excluding Sundays and Bank Holidays) of the intention to carry out the approved underdrainage works shall be given to the Mineral Planning

Acting Director of Planning and Design Services

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Authority.

REASON

To ensure that the site is adequately managed following restoration in the interests of the agricultural resource.

Within 3 months following the installation of the approved underdrainage, two copies of the final drainage record plan shall be forwarded to the Mineral Planning Authority (one of which shall be passed to the Ministry of Agriculture, Fisheries and Food).

REASON

To ensure that the site is adequately managed following restoration in the interests of the agricultural resource.

CULTIVATION AFTER INSTALLATION OF FIELD DRAINAGE

As soon as the ground is sufficiently dry after compliance with Condition 64, the land shall be subsoiled, using an agricultural winged tined subsoiler, operating at a depth and tine spacing agreed beforehand with the Mineral Planning Authority.

REASON

To ensure that the site is adequately managed following restoration in the interests of the agricultural resource.

At least 48 hours (excluding Sundays and Bank Holidays), notice of the intention to carry out the work required by Condition 67 shall be given to the Mineral Planning Authority. Such works to proceed only subject to their approval.

REASON

To ensure that the site is adequately managed following restoration in the interests of the agricultural resource.

Any stones lying on the surface after compliance with Condition 67 and which are larger than would pass a wire screen mesh with a spacing of 100 mm, together with any other objects likely to obstruct future cultivation, shall be removed from the site.

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REASON

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THE DEVELOPMENT HEREBY GRANTED SHALL BE CARRIED OUT IN ACCORDANCE WITH THESE CONDITIONS AND THE DETAILS SHOWN ON THE APPROVED PLANS. YOU ARE REMINDED THAT THE COUNCIL HAS THE STATUTORY AUTHORITY TO TAKE ANY NECESSARY ACTIONS TO ENSURE COMPLIANCE WITH THE TERMS OF THIS DECISION

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To ensure that the site is adequately managed following restoration in the interests of the agricultural resource.

Following compliance with Condition 67, the land shall be worked to prepare a seedbed suitable for sowing. During the cultivation process any stones or obstacles to cultivation lying on the surface, as defined by Condition 69, shall be removed from the site.

REASON

To ensure that the site is adequately managed following restoration in the interests of the agricultural resource.

By no later than the end of September following compliance with Condition 70, the agricultural land shall be sown.

Details of the mixture including species and seed rate shall be agreed with the Mineral Planning Authority before sowing commences.

REASON

To ensure that the site is adequately managed following restoration in the interests of the agricultural resource.

ESTABLISHMENT AND MAINTENANCE OF SWARD

- During the aftercare period the following shall be carried out:
 - (a) The soil shall be tested and fertiliser and lime shall be applied in accordance with good agricultural practice, and at a rate targeted to achieve the following nutrient levels under the Index System described in Ministry of Agriculture, Fisheries and Food Reference Book 209 "Fertiliser Recommendations".

Potash Index 2

Phosphate Index 2

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Soil testing and applications of lime and fertiliser shall be made at the time of reseeding in compliance with Condition 60 and subsequently at intervals not exceeding 12 months thereafter.

- (b) Reseeding any areas where the crop fails to become well established with the approved species mixture.
- (c) Application of weed control spraying as necessary to prevent the land becoming infested with weeds.
- (d) No vehicles (with the exception of low ground pressure types required for agricultural work), machinery or livestock shall be permitted on the land during the months of November, December, January, February and March, without the prior consent of the Mineral Planning Authority.

REASON

To ensure that the site is adequately managed following restoration in the interests of the agricultural resource.

MAINTENANCE OF HEDGES AND TREES

- Existing hedges and trees and hedges and trees planted in accordance with Condition 62 shall be maintained during the aftercare period in accordance with good woodland and/or agricultural practice, such maintenance to include the following:
 - (a) Replacing plants which die or are lost.
 - (b) Weeding early in each growing season, and as necessary thereafter to prevent growth of plants being retarded.
 - (c) Maintaining any fences around planted areas in a stock proof condition.
 - (d) Appropriate measures to combat all other pests and/or diseases which significantly reduce the viability of

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the planting scheme.

REASON

To ensure that the site is adequately managed following restoration in the interests of the agricultural resource.

GENERAL AGRICULTURE

Notwithstanding the preceding conditions, no stripping, movement, replacement or cultivation of topsoils or subsoils shall be carried out during the months of October, November, December, January, February or March inclusive, without the prior consent of, by methods and for a period agreed with, the Mineral Planning Authority.

REASON

In the interests of the agricultural resource.

During the final year of the aftercare period and prior to the final aftercare inspection, the developer shall prepare a report on the Physical Characteristics and Agricultural Land Classification for the site sufficient to demonstrate to the satisfaction of the Mineral Planning Authority, in consultation with the Ministry of Agriculture, Fisheries and Food, that these have been restored, so far as it is practicable to do so, to what they were when the site was last used for agriculture.

REASON

In the interests of the agricultural resource.

Where the Mineral Planning Authority after consultation with the Ministry of Agriculture, Fisheries and Food, agrees in writing with the persons responsible for undertaking the site working, restoration and aftercare, that there shall be variations to these conditions, then the relevant works shall be carried out in accordance with the agreed variation.

REASON

In the interests of the agricultural resource.

77 All works carried out on or affecting agricultural land, during the site working, restoration and aftercare phases

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shall be conducted in accordance with the *Code of Good Agricultural Practice, unless otherwise modified by the foregoing Conditions.

*The Code of Good Agricultural Practice refers to the Codes of Good Agricultural Practice for the Protection of Air, Water and Soil, published by the Ministry of Agriculture, Fisheries and Food.

REASON

In the interests of the agricultural resource.

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16 IAN 1998

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APPENDIX WRP2

Planning Consent Ref.: 03/7149/P



TOWN AND COUNTRY PLANNING ACT 1990 (AS AMENDED) TOWN AND COUNTRY PLANNING (GENERAL DEVELOPMENT PROCEDURE) ORDER 1995

PLANNING PERMISSION GRANTED

Application Ref:

03/7149/P

Proposal:

Restoration of limestone quarry (Without compliance with condition 5 of planning permission 96/50/1641/P/MIN) (Amended scheme, restoration to be completed within 36 months rather than

12 months)

Location:

Skelbrooke Quarry Straight Lane Skelbrooke Doncaster

Dated:

07 September 2005

Doncaster Metropolitan Borough Council acting as the Local Planning Authority, has considered your application described above and has decided to **GRANT PERMISSION** subject to the following **CONDITIONS/DIRECTIVES** as set out below. Your further attention is drawn to any informatives attached thereafter.

THIS DECISION IS SUBJECT TO THE TERMS OF THE AGREEMENT MADE UNDER SECTION 106, OF THE TOWN AND COUNTRY PLANNING ACT 1990 (AS AMENDED).

STATEMENT OF REASONS FOR DECISION TO GRANT PERMISSION

The Local Planning Authority has decided to grant planning permission:-

1. Having regard to the policies and proposals in the adopted Doncaster Unitary Development Plan set out below, and all relevant material planning considerations:

ENV3 Green Belt.

ENV47 Provision of new nature conservation resources through the restoration of mineral working and waste disposal sites.

ANDY GUTHERSON

Group Director – Development and Planning

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Development



ENV22 New woodland.

M20 Minerals development affecting agricultural land.

M19 Impact of minerals development on local amenity.

M22 Time limit for minerals workings.

2. For the following reasons:

The importation of quarry fines to the site rather than household waste could potentially result in an increase in the number of vehicles travelling close to Skelbrooke Village, however the legal agreement will ensure that this does not occur.

It is considered that, in the light of the consultation responses, the proposed scheme is of a high quality and therefore an extension of time for the completion of the restoration of the site is acceptable.

N.B: The foregoing Statement is a summary of the main considerations leading to the decision to grant permission. More detailed information may be obtained from the Planning Officer's Report and the application case file and associated documents, which may be inspected, by appointment, at the offices of the Development and Planning Service (for address see Decision Notice).

Commencement

01. The development hereby permitted shall be begun within 6 months of the date of this permission, written notification of the date of commencement shall be sent to the Mineral Planning Authority within seven days of such commencement. REASON

To ensure that the development is commenced within a reasonable timescale, having regard to material considerations and the Development Plan

Plans

02. The development shall take place in full accordance with planning application details 96/50/1641/P/MIN, approved statement of application dated 13th June 1996, reference 96/1641/P, approved plans DQL/06/14; DQL/06/61a; DQL/06/62; DQL/06/63; DQL/06/64; DQL/06/65; DQL/06/66; DQL/06/67; DQL/06/68; DQL/06/69; DQL/06/70a; DQL/06/71; assessment of environmental impact of noise and dust

ANDY GUTHERSON

Group Director - Development and Planning

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Development and Planning

Development



emissions dated April 1996 and referenced 2D-031-001; unless otherwise set out in the conditions stated below which shall in all cases take precedence.

REASON

To ensure that the development takes place in full accordance with the approved submission and planning conditions

03. A copy of the planning permission and any agreed variations, together with all the approved plans, shall be kept available at the site office at all times.

REASON

To ensure that all site operators are aware of the details of the planning permission.

Time Limits

04. The development hereby permitted shall have a duration of 10 years from the date of commencement of the development permitted by planning permission 96/50/1641/P/MIN by which time all minerals extraction, waste disposal and restoration works will have been completed.
REASON

To ensure that the development is completed within a reasonable time scale, having regard to material considerations and the Development Plan.

Prior Cessation

05. In the event of quarrying and waste disposal operations ceasing for a period in excess of 12 months at any time before the full term hereby permitted, restoration of the application site shall commence in accordance with plan SB450-D1, Issue No 2 (dated Sept. 2003), plan SB450-D5 (dated November 2003) and WRG's letters dated 26/10/03, 12/12/03, 18/02/04, 26/03/04 and 23/04/04, unless otherwise approved in writing by the Local Planning Authority, and such restoration works shall be completed within 36 months of the date that they were commenced. During the course of the aforesaid restoration period a meeting between the operator and the Local Planning Authority shall take place within six months of the commencement of restoration works, and 12 months thereafter until the aforsaid restoration works are completed, unless otherwise approved in writing by the Local Planning Authority. In accordance with the applicant's letter dated May 11th 2004 and the paragragh numbered 3 of the applicant's letter dated April 23rd 2004, the detailed design of the restoration scheme may be amended by mutual agreement between the operator and

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ANDY GUTHERSON
Group Director – Development and Planning



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Development and Planning

Development



the Local Planning Authority following each annual restoration meeting. Upon completion of the restoration of the site, the aftercare scheme referred to in condition 54 shall be begun.

REASON

To ensure that the land is restored to an acceptable standard.

Access and Protection of Public Highway

Of. The sole means of access onto the public highway shall be via the existing access arrangements into Skelbrooke Quarry, as indicated on Plan DQL/06/61a attached to this permission.

REASON

In the interests of local amenity, the protection of the public highway and highway safety.

O7. The existing access and arrangements, including facilities to wash the wheels of vehicles, facilities to count the number of HGVs entering and leaving the site and the metalled surfacing of the access road shall be maintained for the duration of all mineral extraction, waste disposal and restoration works at the site for the duration of this permission.

REASON

In the interests of local amenity, the protection of the public highway and highway safety.

- 08. The operator shall erect and maintain a prominent sign located on the access road near to the egress onto Straight Lane which shall advise lorry drivers bound for the A1(T) north to turn right and those bound for the A1(M) south to turn left.

 REASON

 In the interests of local amenity, the protection of the public highway and highway.
 - In the interests of local amenity, the protection of the public highway and highway safety.
- 09. In the event that the access arrangements covered at condition 7 fail to prevent mud/dust being carried on to the public highway the operator shall submit for the written approval of the Mineral Planning Authority a scheme detailing measures to be taken to prevent the deposit of mud/dust onto the public highway and thereafter implement and utilise the approved scheme for the duration of all operations on the site.

. ANDY GUTHERSON

Group Director - Development and Planning



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REASON

In the interests of local amenity, the protection of the public highway and highway safety.

Protection of Amenity

 The maximum number of heavy goods vehicles entering the site shall not exceed 170 per day unless otherwise agreed in writing with the Mineral Planning Authority. REASON

In the interests of local amenity and highway safety.

11. The site operator shall provide to the Mineral Planning Authority a report indicating the total number of vehicles leaving the site and gaining access directly onto the public highway at quarterly intervals (March, June, September and December) for the duration of the planning permission hereby approved.

REASON

In the interests of local amenity and highway safety.

- 12. All vehicles leaving the site loaded with mineral or other products derived from the site shall be securely sheeted with the exception to this requirement being:
 - (a) loads of large individual rocks with dimensions in excess of 500mm.

REASON

In the interests of local amenity and highway safety.

13. Unless otherwise agreed in writing by the Mineral Planning Authority the starting and warm up of all plant and machinery on site shall only be carried out between the following hours:

Monday to Friday

0700 - 1800.

Saturdays

0700 - 1300

with no working on Sundays or on Bank Holidays

REASON

In the interests of local amenity and highway safety.

14. Unless otherwise agreed in writing by the Mineral Planning Authority, mineral extraction and processing and the egress of minerals carrying vehicles shall only be carried out during the following hours:

Monday to Friday

0730 - 1800 hours,

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Group Director – Development and Planning



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Saturdays

0730 - 1300 hours

with no working on Sundays or on Bank Holidays.

REASON

In the interests of local amenity and highway safety.

15. Unless otherwise agreed in writing by the Mineral Planning Authority, waste disposal and the egress of waste haulage vehicles shall only be carried out during the following hours:

Monday to Friday

0730 - 1800 hours.

Saturdays

0730 - 1300 hours

with no waste disposal operations on Sundays or on Bank Holidays.

REASON

In the interests of local amenity and highway safety.

16. All noise mitigation measures detailed in Section 8.0 (Recommendations with respect to noise emissions) of the approved document SECOR 4D-031-001, shall be carried out for the duration of the development.

REASON

To ensure that noise arising from the development does not exceed permitted levels.

17. Noise arisings from the permitted site shall not exceed 55dB Laeq.1h (freefield) at noise measurement points at Doncaster Lane, Bannister Lane, Priory Farm and Home Farm as detailed in approved document SECOR 4D-031-001, section 4.3. REASON

To ensure that noise arising from the development does not exceed permitted levels.

18. Noise arisings from the permitted site during temporary overburden stripping, earth moving and soil bund creation operations shall not exceed 70dB Laeq.1h (freefield) at noise measurement points at Doncaster Lane, Bannister Lane, Priory Farm and Home Farm as detailed in approved document SECOR 4D-031-001, section 4.3 unless otherwise agreed in writing with the Mineral Planning Authority. REASON

To ensure that noise arising from the development does not exceed permitted levels.

19. Within three months of the date of commencement of the development a noise monitoring scheme shall be submitted for the written approval of the MPA. Such a

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ANDY GUTHERSON

Group Director - Development and Planning

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Development and Planning

Development



scheme shall specify the method, location and frequency of noise monitoring to be carried out by the developer, and the provision of periodic monitoring reports to the MPA by the developer. The Mineral Planning Authority shall be given advance notice of monitoring occasions.

REASON

To ensure that noise arising from the development does not exceed permitted levels.

20. All dust mitigation measures detailed in Section 14.0 (Recommendations with respect of potential dust emissions) of the approved document SECOR 4D-031-001, shall be carried out for the duration of the development.

REASON

To ensure that dust emissions arising form the development are within acceptable levels.

21. A water bowser or other method of dust suppression shall be used on the access road during dry weather conditions to minimise dust generation.

To ensure that dust emissions arising from the development are within acceptable levels.

22. Notwithstanding the provisions of Schedule 2 of The Town and Country Planning (General Permitted Development) Order 1995, no fixed plant or buildings shall be erected or stored on the site without the prior written approval of the Mineral Planning Authority.

REASON

TO ensure that the development takes place in accordance with the approved details and that further development be subject to the approval of the Mineral Planning Authority.

Water and Drainage

23. Any facilities for the storage of oils, fuels or chemicals shall be sited on impervious bases and surrounded by impervious bund walls. The volume of the bunded compound should be at least equivalent to the capacity of the tank plus 10%. If there is multiple tankage, the compound should be at least equivalent to the capacity of the largest tank, or the combined capacity of interconnected tanks, plus 10%. All filling points, vents, gauges and sight glasses must be located within the bund. The

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Development



drainage system of the bund shall be sealed with no discharge to any watercourse, land or underground strata. Associated pipework should be located above ground and protected from accidental damage. All filling points and tank overflow pipe outlets should be detailed to discharge downwards into the bund. REASON

To ensure the protection of water resources.

Protection of Agricultural Interest

Soil Stripping

24. Prior to the commencement of soil stripping, the approved site perimeter ditches, settlement lagoons, and other drainage facilities appropriate to the area to be stripped shall be completed.

REASON

In the interests of the agricultural resource.

25. The Mineral Planning Authority shall be given at least 48 hours notice (excluding Sundays and Bank Holidays), of any intended phase of topsoil or subsoil stripping REASON

In the interests of the agricultural resource.

26. All available topsoil shall be stripped from any areas to be excavated, or used for the stationing of plant and buildings, the storage of subsoil and overburden, haul roads and other areas to be traversed by heavy machinery, and stored until required for restoration purposes, unless otherwise approved for progressive restoration. No plant or vehicle shall cross any areas of unstripped topsoil except for the purpose of stripping operations.

REASON

In the interests of the agricultural resource.

27. The Mineral Planning Authority shall be given the opportunity (with at least 48 hours notice, excluding Sundays and Bank Holidays) to verify that the full depth of topsoil has been satisfactorily stripped prior to the commencement of subsoil stripping. REASON

In the interests of the agricultural resource.

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28. All available subsoil shall be stripped from this site and shall be moved westwards and be utilised in the restoration of the existing quarry (planning permission ref:88/50/2807).

REASON

In the interests of the agricultural resource.

29. The stripping and movement of topsoil, subsoil and subsoil substitute shall only be carried out under sufficiently dry and friable conditions to avoid soil smearing and compaction and to ensure that all available soil resources are recovered. Appropriate methods of soil stripping shall be separately agreed with the Minerals Planning Authority for any permanently wet or waterlogged areas of the site.

In the interests of the agricultural resource.

Soil Storage

30. Topsoils, subsoils, and other soil making materials which have not been approved for immediate use in progressive restoration, shall be stored according to their quality (as indicated by the MAFF Statement of Physical Characteristics) in separate mounds in locations to be agreed in writing with the Mineral Planning Authority. REASON

In the interests of the agricultural resource.

 No subsoil resources shall be removed from the site, unless they are to be utilised in the restoration of the existing quarry (planning permission ref:88/50/2807).
 REASON

In the interests of the agricultural resource.

32. Once formed, all mounds in which soils are to be stored for more than 6 months, or over the winter period shall be grass seeded in accordance with a specification agreed beforehand with the Mineral Planning Authority to minimise erosion and weed infestation. Any weeds shall be regularly controlled.

REASON

In the interests of the agricultural resource.

33. Within 3 months of the formation of topsoil, subsoil and soil making material mounds, the Mineral Planning Authority shall be supplied with a plan indicating the areas

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Development and Planning

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which have been stripped of such materials, location of each mound, and a balance of the quantities of materials stored with the proposed depth and texture of the soil profile to be replaced following restoration.

REASON

In the interests of the agricultural resource.

Drainage and Water Pollution

34. All water from the site shall be discharged into the approved settlement ponds prior to discharge into any ditch, stream, watercourse or culvert outside the site.

To ensure the protection of water resources.

Site Maintenance

- 35. From the commencement of the development until restoration of the site, the following shall be carried out:
 - a) where applicable, the retention of fencing around trees and hedgerows; and adjacent to highways.
 - b) the treatment of trees affected by disease, in accordance with accepted principles of good woodland practice.
 - c) all areas including stacks of soil and overburden to be kept free of weeds, and necessary steps taken to destroy weeds at an early stage of growth to prevent seeding.

REASON

To ensure the agricultural restoration of the land to a similar quality as that which existed prior to development taking place.

Removal of Settlement Ponds

36. Upon cessation of mineral extraction, all settlement ponds shall, unless to be retained in accordance with the approved plans, be emptied of slurry, filled with dry inert material and restored.

REASON

To ensure the agricultural restoration of the land to a similar quality as that which existed prior to development taking place.

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Replacement of Overburden

37. After cessation of mineral extraction, overburden and any other permitted fill materials shall be replaced to such levels so that, after the replacement of subsoil and topsoil the contours of the restored land will conform with the approved restoration contours. REASON

To ensure the agricultural restoration of the land to a similar quality as that which existed prior to development taking place.

38. The final layer of overburden shall be graded and levelled to minimise the risk of ponding or erosion.

REASON

To ensure the agricultural restoration of the land to a similar quality as that which existed prior to development taking place.

39. The Minerals Planning Authority shall be notified when Condition 38 has been complied with, and given the opportunity (with at least 48 hours notice, excluding Sundays and Bank Holidays), to inspect the surface before further restoration work is carried out.

REASON

To ensure the agricultural restoration of the land to a similar quality as that which existed prior to development taking place.

Replacement of Subsoil

40. The subsoil requirement for this site shall be obtained from the soil store described at Appendix E of the approved statement of application dated 13th June 1996, reference 96/1641/P.

REASON

To ensure the agricultural restoration of the land to a similar quality as that which existed prior to development taking place.

41. Prior to the replacement of subsoil, the surface onto which it is to be placed shall be scarified to alleviate compaction, and surface picked of any stones or other materials capable of impeding normal agricultural or land drainage operations. The material recovered from the soil store described at Appendix E of the approved statement of

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application dated 13th June, reference 96/1641/P shall only be respread when it, and the ground onto which it is to be placed, are in a dry and friable condition.

REASON

To ensure the agricultural restoration of the land to a similar quality as that which existed prior to development taking place.

42. After Condition 39 and 41 have been complied with, the soil store described in Condition 40 shall be respread, in two layers of equal thickness to an overall minimum depth of 600mm using the better quality materials to best advantage as upper layer subsoil.

REASON

To ensure the agricultural restoration of the land to a similar quality as that which existed prior to development taking place.

43. Each layer formed in accordance with condition 42 shall be rooted and cross rooted to its full depth by a heavy duty subsoiling implement with winged tines set no wider than 600mm apart. Any non-subsoil type material or rock, boulder or stone larger than would pass through a wire screen mesh with a spacing of 150mm shall be removed from the surface and not buried within the respread subsoil.
REASON

To ensure the agricultural restoration of the land to a similar quality as that which existed prior to development taking place.

44. All areas of exposed subsoil, not previously excavated, shall be rooted to 450 mm depth at 600 mm spacings, to relieve compaction and surface picked to remove any obstructions to cultivation as defined by Condition 43. REASON

To ensure the agricultural restoration of the land to a similar quality as that which existed prior to development taking place.

45. The Minerals Planning Authority shall be given the opportunity to inspect each stage of the work completed in accordance with Conditions 43 and 44 prior to further restoration work being carried out.

REASON

To ensure the agricultural restoration of the land to a similar quality as that which existed prior to development taking place.

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46. Following compliance with condition 41 and 42, the surface shall be graded to ensure that, after replacement of topsoil in accordance with condition 51, the contours of the land shall conform with the approved restoration contours. REASON

To ensure the agricultural restoration of the land to a similar quality as that which existed prior to development taking place.

Replacement of Topsoil

47. The respreading of topsoil shall only be carried out when the material and the ground onto which it is to be placed are in a dry and friable condition and in sufficient time for subsoiling, cultivation and reseeding to take place under normal weather conditions, before the end of September.

REASON

To ensure the agricultural restoration of the land to a similar quality as that which existed prior to development taking place.

48. After Condition 46 has been complied with, topsoil shall be respread to a minimum depth of 300 mm over the area intended for an agricultural afteruse and graded to the contours shown on the approved restoration plan. REASON

To ensure the agricultural restoration of the land to a similar quality as that which existed prior to development taking place.

49. The Mineral Planning Authority shall be given the opportunity to inspect the topsoil respread in accordance with Condition 48 prior to further cultivations being carried out.

REASON

To ensure the agricultural restoration of the land to a similar quality as that which existed prior to development taking place.

50. Within 3 months of the restoration of the final topsoil layer, the developer shall make available to the Mineral Planning Authority a plan with contours at sufficient intervals to indicate the final restored landform of the site, together with a record of the depth and composition of the reinstated soil profiles. **REASON**

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To ensure the agricultural restoration of the land to a similar quality as that which existed prior to development taking place.

Restored Soil Profile

51. The restored soil profile should be a minimum of 1.2 metres deep, comprising 300mm of topsoil, 600mm of genuine subsoil and 300mm of coarse limestone (20mm down), over the clay cap.

REASON

To ensure the agricultural restoration of the land to a similar quality as that which existed prior to development taking place.

Restoration

52. The site shall be restored in accordance with the details contained in the approved statement of application dated 13th June 1996, reference 96/1641/P. REASON

To ensure that the site is restored to an acceptable standard.

53. On the cessation of workings, all buildings, plant, surface equipment, hard standing areas and internal haul roads shall be removed from the site within 12 months of the date of such cessation, unless otherwise agreed by the Mineral Planning Authority REASON

To ensure that the site is restored to an acceptable standard.

Aftercare

54. The period of aftercare shall commence following compliance with Condition 48 on any part of the site and shall extend for a minimum of 5 years effective management from the date of final topsoil restoration for the whole site as confirmed in writing by the Mineral Planning Authority.

REASON

To ensure that the site is adequately managed following restoration in the interests of the agricultural resource.

55. Within 12 months from the date of this permission the Detailed Annual Programme (DAP) for the first year of aftercare will be submitted to the Mineral Planning

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Authority for approval and should be in accordance with the guidance in Annex A (para.A59 to A86) of MPG7 (November 1996).
REASON

To ensure that the site is adequately managed following restoration in the interests of the agricultural resource.

Annual Review

56. Before 30 September of every year during the aftercare period, a report shall be submitted by the developer to the Minerals Planning Authority recording the operations carried out on the land since the date of restoration, or previous aftercare meeting, and setting out the intended operations for the next 12 months. REASON

To ensure that the site is adequately managed following restoration in the interests of the agricultural resource.

- 57. Before 30 November of every year during the aftercare period, the developer shall arrange to attend a site meeting with the Minerals Planning Authority and the Ministry of Agriculture, Fisheries and Food on a mutually agreed date to discuss the report prepared in accordance with Condition 56, and to which the following parties shall also be invited:
 - a) All owners of land within the site.
 - b) All occupiers of land within the site.
 - c) Representatives of other statutory bodies as appropriate.

The developer shall arrange additional aftercare meetings as required by the Minerals Planning Authority (in consultation with MAFF)
REASON

To ensure that the site is adequately managed following restoration in the interests of the agricultural resource.

Cultivation After Replacement of Topsoil

58. As soon as the ground is sufficiently dry after compliance with Condition 48 the land shall be subsoiled, using an agricultural winged tined subsoiler, operating at a depth and tine spacing agreed beforehand with the Mineral Planning Authority. Any stones lying on the surface and which are larger than would pass a wire screen mesh with a

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spacing of 100 mm together with any other objects likely to obstruct future cultivations, shall be removed from the site.

REASON

To ensure that the site is adequately managed following restoration in the interests of the agricultural resource.

59. Following compliance with Condition 58 the land shall be worked to prepare a seedbed suitable for sowing. During the cultivation process any stones or obstacles to cultivation as defined by Condition 58 shall be removed from the site.

REASON

To ensure that the site is adequately managed following restoration in the interests of the agricultural resource.

60. By no later than the end of September following compliance with Condition 59 the land shall be sown. Details of the mixture including species and seed rate shall be agreed with the Mineral Planning Authority before sowing takes place.

REASON

To ensure that the site is adequately managed following restoration in the interests of the agricultural resource.

61. Where adverse weather conditions or other delays prevent compliance with Condition 60 alternative treatment of the restored soils, to stabilise these over the winter period shall be agreed with the Mineral Planning Authority.

REASON

To ensure that the site is adequately managed following restoration in the interests of the agricultural resource.

Provision of Surface Features

62. Where existing hedges and trees or where existing hedges and trees are required under the approved restoration plan, these shall be planted/maintained to a detailed specification agreed beforehand with the Mineral Planning Authority, during the first available planting/maintenance season (which runs between 1 November and 31 March).

REASON

To ensure that the site is adequately managed following restoration in the interests of the agricultural resource.

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Drainage/Water Supply/Pumping

63. After the first annual review meeting in consultation with both the mineral operator, the Ministry of Agriculture Fisheries and Food and the Mineral Planning Authority shall determine whether a During the aftercare period, temporary drainage works (e.g. ditches, watercourses, settling lagoons) shall be carried out as necessary to prevent soil erosion, flooding of land within or outside the site, or the erosion or silting up of existing drainage channels within or outside the site.

REASON

To ensure that the site is adequately managed following restoration in the interests of the agricultural resource.

64. On completion of the first annual review meeting, in accordance with Condition 56, the Mineral Planning Authority (in conjunction with MAFF and the mineral operator) shall determine whether a comprehensive agricultural field drainage system, conforming to the normal design criteria for restored land is required. If such a scheme is required from the operator it should be in accordance with a scheme to be submitted within 12 months from the date of the first annual review meeting and submitted to the Minerals Planning Authority for approval, and shall be installed at a time to be agreed no later than 3 years, following compliance with Condition 46. REASON

To ensure that the site is adequately managed following restoration in the interests of the agricultural resource.

65. At least 48 hours notice (excluding Sundays and Bank Holidays) of the intention to carry out the approved underdrainage works shall be given to the Minerals Planning Authority.

REASON

To ensure that the site is adequately managed following restoration in the interests of the agricultural resource.

66. Within 3 months following the installation of the approved underdrainage, two copies of the final drainage record plan shall be forwarded to the Minerals Planning Authority (one of which shall be passed to the Department for Environment, Food and Rural Affairs).

REASON

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To ensure that the site is adequately managed following restoration in the interests of the agricultural resource.

Cultivation After Installation of Field Drainage

67. As soon as the ground is sufficiently dry after compliance with Condition 64, the land shall be subsoiled, using an agricultural winged tined subsoiler, operating at a depth and tine spacing agreed beforehand with the Minerals Planning Authority. REASON

To ensure that the site is adequately managed following restoration in the interests of the agricultural resource.

68. At least 48 hours (excluding Sundays and Bank Holidays), notice of the intention to carry out the work required by Condition 67 shall be given to the Minerals Planning Authority. Such works to proceed only subject to their approval.

REASON

To ensure that the site is adequately managed following restoration in the interests of the agricultural resource.

69. Any stones lying on the surface after compliance with Condition 67 and which are larger than would pass a wire screen mesh with a spacing of 100mm, together with any other objects likely to obstruct future cultivation, shall be removed from the site. REASON

To ensure that the site is adequately managed following restoration in the interests of the agricultural resource.

70. Following compliance with Condition 64, the land shall be worked to prepare a seedbed suitable for sowing. During the cultivation process any stones or obstacles to cultivation lying on the surface, as defined by Condition 67, shall be removed from the site.

REASON

To ensure that the site is adequately managed following restoration in the interests of the agricultural resource.

71. By no later than the end of September following compliance with Condition 70, the agricultural land shall be sown. Details of the mixture including species and seed rate shall be agreed with the Minerals Planning Authority before sowing commences.

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REASON

To ensure that the site is adequately managed following restoration in the interests of the agricultural resource.

Establishment and Maintenance of Sward

- 72. During the aftercare period the following shall be carried out:
 - (a) The soil shall be tested and fertiliser and lime shall be applied in accordance with good agricultural practice, and at a rate targeted to achieve the following nutrient levels under the Index System described in Ministry of Agriculture, Fisheries and Food Reference Book 209 'Fertiliser Recommendations'.

Potash

Index 2

Phosphate

Index 2

На

6.5

Soil testing and applications of lime and fertiliser shall be made at the time of reseeding in compliance with Condition 60 and subsequently at intervals not exceeding 12 months thereafter.

- (b) Reseeding any areas where the crop fails to become well established with the approved species mixture.
- (c) Application of weed control spraying as necessary to prevent the land becoming infested with weeds.
- (d) No vehicles (with the exception of low ground pressure types required for agricultural work), machinery or livestock shall be permitted on the land during the months of November, December, January, February and March, without the prior consent of the Minerals Planning Authority.

REASON

To ensure that the site is adequately managed following restoration in the interests of the agricultural resource.

Maintenance of hedges and trees

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73. Existing hedges and trees and hedges and trees planted in accordance with condition 62 shall be maintained during the aftercare period in accordance with good woodland and/or agricultural practice, such maintenance to include the following:-

(a) Replacing plants which die or are lost.

- (b) Weeding early in each growing season, and as necessary thereafter to prevent growth of plants being retarded.
- (c) Maintaining any fences around planted areas in a stock proof condition.
- (d) Appropriate measures to combat all other pests and/or diseases which significantly reduce the viability of the planting scheme.

 REASON

To ensure that the site is adequately managed following restoration in the interests of the agricultural resource.

General Agriculture

- 74. Notwithstanding the preceding conditions, no stripping, movement, replacement or cultivation of topsoils or subsoils shall be carried out during the months of October, November, December, January, February, or March inclusive, without the prior consent of, by methods and for a period agreed with, the Minerals Planning Authority. REASON
 - To ensure that the site is adequately managed following restoration in the interests of the agricultural resource.
- 75. During the final year of the aftercare period and prior to the final aftercare inspection, the developer shall prepare a report on the Physical Characteristics and Agricultural Land Classification for the site sufficient to demonstrate to the satisfaction of the Minerals Planning Authority, in consultation with the Ministry of Agriculture, Fisheries and Food, that these have been restored, so far as it is practicable to do so, to what they were when the site was last used for agriculture. REASON

To ensure that the site is adequately managed following restoration in the interests of the agricultural resource.

76. Where the Mineral Planning Authority after consultation with the Ministry of Agriculture, Fisheries and Food, agreed in writing with the persons responsible for undertaking the site working, restoration and aftercare, that there shall be variations

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to these conditions, then the relevant works shall be carried out in accordance with the agreed variation.

REASON

To ensure that the site is adequately managed following restoration in the interests of the agricultural resource.

77. All works carried out on or affecting agricultural land, during the site working, restoration and aftercare phases shall be conducted in accordance with the *Code of Good Agricultural Practice, unless otherwise modified by the foregoing Conditions. REASON

To ensure that the site is adequately managed following restoration in the interests of the agricultural resource.

- *The Code of Good Agricultural Practice refers to the Codes of Good Agricultural Practice for the Protection of Air, Water and Soil, published by the Ministry of Agriculture, Fisheries and Food.
- 78. Prior to the utilisation of any seed mix on the site, the details of the mix shall first be submitted to, and approved in writing by, the local planning authority.

 REASON

To ensure that a seed mix appropriate to the restoration type and surrounding area is utilised on the site.

79. No soakaway or outfall shall be constructed or brought into use, other than in accordance with the applicant's letter dated June 21st 2004. REASON

For the avoidance of doubt and to ensure that the development is carried out in accordance with the approved details.

80. Within the first available planting season following the implementation of the this planning permission, the planting detailed in the applicant's letter dated February 18th 2004 shall be completed, unless otherwise approved in writing by the Mineral Planning Authority.

REASON

To ensure that boundary tree planting is completed as soon as possible.

01. INFORMATIVE

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Under the terms of the Land Drainage Act 1991, the prior written consent of the Environment Agency is required for any proposal to divert, culvert or otherwise obstruct the flow in any watercourse (including the provision of a connection to a culvert).

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APPENDIX WRP3 Pumping and Drawdown estimates

K (m/d)	K (m/s)	h	Quarr h Ro Radiu (m)		Pumping Rate - Q (m3/day)	Pumping Rate - Q (I/s)
2.7	3.13E-05	4.5	75	75	247	2.9
10	1.16E-04	4.5	145	75	591	6.8
25	2.89E-04	4.5	230	75	1,135	13.1
50	5.79E-04	4.5	325	75	1,901	22.0
100	1.16E-03	4.5	459	75	3,241	37.5
2.7	3.13E-05	6.5	109	75	399	4.6
10	1.16E-04	6.5	210	75	995	11.5
25	2.89E-04	6.5	332	75	1,963	22.7
50	5.79E-04	6.5	469	75	3,349	38.8
100	1.16E-03	6.5	663	75	5,805	67.2
2.7	3.13E-05	11	11 184 75		827	9.6
10	1.16E-04	11	355	75	2,177	25.2
25	2.89E-04	11	561	75	4,445	51.4
50	5.79E-04	11	794	75	7,760	89.8
100	1.16E-03	11	1123	75	13,722	158.8

Ro = C.h.V_k Ro = Drawdown Radius

C = flow factor (assumed at 3000 for redial flow)

h = drawdown (m)

k = hydraulic conductivity (m/s)

Q = B.k. $(S_x^2 - S_y^2) + log_e(R/r)$ Q = Ingress Rate (m³/day)

B = 3.142

k = hydraulic conductivity (m/d) Sx = aquifer thickess (m) before drawdown

Sy = reamaining aquifer thickness (m) during drawdown

R = Radius of quarry (r) + Radius of influence (Ro) (m)

r = radius of quarry

K (m/d)	K (m/s)	h	Ro	Distsance to Nearest Edge of Cell 6 - R (m)	Ro:R	ho/h (%)	ho (m)	Reference GWL - SK02 (mAOD)	ho (mAOD)	Minimum GW Elevation to maintain Hydraulic Containment Conditions in Cell 6 (mAOD)
2.7	3.13E-05	4.5	75	40	53%	17	0.765	24.5	23.74	21.95
10	1.16E-04	4.5	145	40	28%	30	1.35	24.5	23.15	21.95
25	2.89E-04	4.5	230	40	17%	42	1.89	24.5	22.61	21.95
50	5.79E-04	4.5	325	40	12%	50	2.25	24.5	22.25	21.95
100	1.16E-03	4.5	459	40	9%	58	2.61	24.5	21.89	21.95
2.7	3.13E-05	6.5	109	40	37%	24	1.56	26.5	24.94	21.95
10	1.16E-04	6.5	210	40	19%	40	2.6	26.5	23.9	21.95
25	2.89E-04	6.5	332	40	12%	50	3.25	26.5	23.25	21.95
50	5.79E-04	6.5	469	40	9%	58	3.77	26.5	22.73	21.95
100	1.16E-03	6.5	663	40	6%	68	4.42	26.5	22.08	21.95
2.7	3.13E-05	11	184	40	22%	36	3.96	31	27.04	21.95
10	1.16E-04	11	355	40	11%	50	5.5	31	25.5	21.95
25	2.89E-04	11	561	40	7%	62	6.82	31	24.18	21.95
50	5.79E-04	11	794	40	5%	70	7.7	31	23.3	21.95
100	1.16E-03	11	1123	40	4%	72	7.92	31	23.08	21.95

K (m/d)	K (m/s)	h	Ro	Distsance to Western Edge of Cell 6 - R (m)	Ro:R	ho/h (%)	ho (m)	Reference GWL - SK01 (mAOD)	ho (mAOD)	Minimum GW Elevation to maintain Hydraulic Containment Conditions in Cell 6 (mAOD)
2.7	3.13E-05	4.5	75	95	0%	0	0.0	22	22.00	21.95
10	1.16E-04	4.5	145	95	65%	11	0.5	22	21.51	21.95
25	2.89E-04	4.5	230	95	41%	21	0.9	22	21.06	21.95
50	5.79E-04	4.5	325	95	29%	30	1.4	22	20.65	21.95
100	1.16E-03	4.5	459	95	21%	39	1.8	22	20.25	21.95
2.7	3.13E-05	6.5	109	95	87%	3	0.2	24	23.81	21.95
10	1.16E-04	6.5	210	95	45%	19	1.2	24	22.77	21.95
25	2.89E-04	6.5	332	95	29%	30	2.0	24	22.05	21.95
50	5.79E-04	6.5	469	95	20%	39	2.5	24	21.47	21.95
100	1.16E-03	6.5	663	95	14%	56	3.6	24	20.36	21.95
2.7	3.13E-05	11	184	95	51%	18	2.0	30	28.02	21.95
10	1.16E-04	11	355	95	27%	31	3.4	30	26.59	21.95
25	2.89E-04	11	561	95	17%	43	4.7	30	25.27	21.95
50	5.79E-04	11	794	95	12%	51	5.6	30	24.39	21.95
100	1.16E-03	11	1123	95	8%	61	6.7	30	23.29	21.95

K (m/d)	K (m/s)	h	Ro	Distsance to Nearest Edge of Cell 1 - R (m)	Ro:R	ho/h (%)	ho (m)	Reference GWL - SK04 (mAOD)	ho (mAOD)	Minimum GW Elevation to maintain Hydraulic Containment Conditions in Cell 1 (mAOD)
2.7	3.13E-05	4.5	75	160	0%	0	0.0	32	32.00	31.87
10	1.16E-04	4.5	145	160	0%	0	0.0	32	32.00	31.87
25	2.89E-04	4.5	230	160	70%	9	0.4	32	31.60	31.87
50	5.79E-04	4.5	325	160	49%	19	0.9	32	31.15	31.87
100	1.16E-03	4.5	459	160	35%	25	1.1	32	30.88	31.87
2.7	3.13E-05	6.5	109	160	0%	0	0.0	33	33.00	31.87
10	1.16E-04	6.5	210	160	76%	9	0.6	33	32.42	31.87
25	2.89E-04	6.5	332	160	48%	19	1.2	33	31.77	31.87
50	5.79E-04	6.5	469	160	34%	25	1.6	33	31.38	31.87
100	1.16E-03	6.5	663	160	24%	34	2.2	33	30.79	31.87
2.7	3.13E-05	11	184	160	87%	3	0.3	34.7	34.37	31.87
10	1.16E-04	11	355	160	45%	19	2.1	34.7	32.61	31.87
25	2.89E-04	11	561	160	29%	22	2.4	34.7	32.28	31.87
50	5.79E-04	11	794	160	20%	39	4.3	34.7	30.41	31.87
100	1.16E-03	11	1123	160	14%	48	5.3	34.7	29.42	31.87

K (m/d)	K (m/s)	h	Ro	Distsance to Nearest Edge of DMC LFS - R (m)	Ro:R	ho/h (%)	ho (m)	Reference GWL - SK03 (mAOD)	ho (mAOD)
2.7	3.13E-05	4.5	75	125	0%	0	0.0	26.5	26.50
10	1.16E-04	4.5	145	125	86%	2	0.1	26.5	26.41
25	2.89E-04	4.5	230	125	54%	13	0.6	26.5	25.92
50	5.79E-04	4.5	325	125	38%	23	1.0	26.5	25.47
100	1.16E-03	4.5	459	125	27%	32	1.4	26.5	25.06
2.7	3.13E-05	6.5	109	125	0%	0	0.0	28	28.00
10	1.16E-04	6.5	210	125	60%	12	0.8	28	27.22
25	2.89E-04	6.5	332	125	38%	23	1.5	28	26.51
50	5.79E-04	6.5	469	125	27%	32	2.1	28	25.92
100	1.16E-03	6.5	663	125	19%	39	2.5	28	25.47
2.7	3.13E-05	11	184	125	68%	10	1.1	29.7	28.60
10	1.16E-04	11	355	125	35%	25	2.8	29.7	26.95
25	2.89E-04	11	561	125	22%	36	4.0	29.7	25.74
50	5.79E-04	11	794	125	16%	44	4.8	29.7	24.86
100	1.16E-03	11	1123	125	11%	55	6.1	29.7	23.65



APPENDIX WRP4

Historic Correspondence Re: Doncaster MBC Landfill

Our ref:

\$E 51\CL-2000-3

Your ref:

Date:

12 January 2000

Janet Dean
Executive Director
Directorate of Environment, Health & Housing
Doncaster MBC
P.O. Box 257, The Council House
College Road
Doncaster, DN1 1RN

Dear Ms. Dean

CLOSED DONCASTER MBC LANDFILL, SKELBROOKE

Further to my recent telephone conversation with Terry Maloney, Waste Management Officer, Doncaster MBC, I am writing to you regarding the possibility that this site (Doncaster Closed Landfill Reference No. 61, located at NGR SE 513 113) is causing pollution of controlled waters.

I understand that the landfill was filled by Doncaster council under a resolution which has now been surrendered. The landfill is within the Magnesian Limestone which is designated as a Major Aquifer under the Environment Agency's 1998 "Policy and Practice for the Protection of Groundwater". The aquifer is highly permeable due to the presence of significant fracturing, and has the potential to support large groundwater abstractions as well as providing baseflow to surface waters. Groundwater within the Magnesian Limestone is very sensitive to pollution due to the relatively fast travel times and low attenuating capacity of the aquifer.

This landfill had a history of high groundwater levels and since closure, the water table is likely to have risen above the base of the waste mass. The Skelbrooke Spring lies approximately 350 metres to the north of the landfill; samples taken from this location by the Agency and predecessor bodies have found elevated levels of ammoniacal nitrogen and chloride which are indicative of pollution by landfill leachate.

The new Contaminated Land Regulations 1999 are likely to be implemented under Part IIA of the Environmental Protection Act 1990 in the near future and are intended to ensure that contaminated land is cleaned up to a standard that is appropriate to its use. The identification of contaminated land is based on the presence of a source (landfilled waste), pathway (Magnesian Limestone) and target (groundwater beneath the landfill and the Skelbrooke Spring) and so this site appears likely to be identified under these regulations.

Cont/d..

Environment Agency
Phoenix House, Global Avenue, Leeds, LS11 8PG
Tel: 0113 244 0191 Fax: 0113 213 4609

Leachate from your site appears to have polluted a large volume of groundwater and this is impacting the Skelbrooke Spring; the Agency is keen to prevent further pollution and obtain some clean up for the aquifer that is already contaminated.

As a first step additional investigation is necessary to fully characterise this site and the current extent of groundwater contamination, and I would be grateful if you could contact the Agency to discuss how Doncaster MBC intend to address this issue. I would be happy to attend a meeting to progress this matter.

Yours sincerely

DR. HUGH POTTER Contaminant Hydrogeologist

Direct dial 0113 2134817 Direct fax 0113 2134609

cc David Walmsley, Environment Planning, Environment Agency Francis Lowe, Environmental Protection, Environment Agency



APPENDIX WRP5List of Wastes

Table AppWRPA5.1: Permitted waste types for quarry restoration

Source	Sub-source	Waste code	Description	Additional restrictions
01 Waste resulting from exploration, mining,	01 01 wastes from mineral excavation	01 01 02	Wastes from mineral non-metalliferous excavation	Restricted to waste overburden and interburden only.
quarrying and physical and chemical treatment of minerals	01 04 wastes from physical and chemical processing of non-	01 04 08	Waste gravel and crushed rocks other than those mentioned in 01 04 06	
	metalliferous minerals	01 04 09	Waste sand and clays	
17 Construction and demolition wastes	17 05 soil stones and dredging spoil	17 05 04	Soil and stones other than those mentioned in 17 05 03	Topsoil restricted to upper 500mm
Municipal wastes (household waste and similar commercial, industrial and institutional wastes) including separately collected fractions	20 02 garden and park wastes	20 02 02	Soil and stones	Topsoil restricted to upper 500mm

Table AppWRPA5.2: Permitted waste types for the development of internal haul roads (maximum thickness of 500mm)

Source	Sub-source	Waste code	Description	Additional restrictions
01 Waste resulting from exploration, mining, quarrying and physical and chemical treatment of minerals	01 04 wastes from physical and chemical processing of non-metalliferous minerals	01 04 08	Waste gravel and crushed rocks other than those mentioned in 01 04 06	
17 Construction and	17 01 concrete, bricks,	17 01 01	Concrete	For the construction of tracks only.
demolition wastes	tiles and ceramics	17 01 02	Bricks	
		17 01 03	Tiles and ceramics	
19 Wastes from waste management facilities	19 12 wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified	19 12 09	Minerals (for example sand, stones) only	For the construction of tracks only. Restricted to wastes from treatment of waste aggregates that are otherwise naturally occurring minerals. Does not include fines from treatment of any non-hazardous waste or gypsum from recovered plasterboard.



APPENDIX WRP6 WRP Decision Letter



Michael Knott

Michael.Knott@thesiriusgroup.com

Our ref: EA/EPR/CP3994ZR/V005

Your ref: EA/EPR/CP3994ZR/V005

Date: 23/07/2020

Dear Mr Knott,

Environmental Permitting – Recovery or Disposal Operation

Application Reference: EA/EPR/CP3994ZR/V005

Proposed Operator: Darrington Quarries Limited

Regulated facility: Skelbrooke Quarry Extension Area

You have submitted information to us that includes your assessment that the activity you wish to undertake at your site amounts to a recovery operation for permit reference EPR/CP3994ZR.

We have now fully considered your submission and we would like to advise you that:

Decision: Not yet satisfied to agree recovery

We do not agree with your assessment that your activity is a recovery operation for the following reasons: Not enough evidence has been provided to support the case that the proposed activity is a recovery operation and therefore we cannot confirm that this is a recovery operation.

You have demonstrated that the relevant planning authority has previously accepted a low-level restoration of the site including partial infill of the lake. Further you've provided evidence that, in principle, you are not required to use waste to complete the scheme. However the current planning permission has expired and the relevant planning authority has confirmed a new one will need to be agreed. Therefore it is not clear if there remains an obligation to complete the work and, if there is, the extent of the work required.

Please note any evidence submitted to demonstrate an obligation would be considered as confirmed in our guidance including:

- the extent to which the local planning authority was directly involved in the design of the scheme when planning was granted and the condition imposed
- whether the local planning authority would be likely to agree anything significantly different.

For example, if an alternate restoration scheme were proposed we would need to understand why you are obligated to complete the revised scheme instead of the previously agreed restoration scheme.

Your Waste Recovery Plan refers to a death that occurred at the site and the need to restore to remove risks currently posed. Evidence provided by the Planning Authority also suggests concerns over this. However, the previous planning permission (dated 2005) does not impose any statutory requirement to carry out the works as proposed, for example under health and safety legislation. This may be an additional consideration for you.

New evidence of there being a statutory obligation should address recent bathymetric and topographic surveys used to calculate the amount of material required to restore. As you made us aware during the assessment, previous planning agreed to lower quantities which were not based on modern modelling.

No specific construction standards were specified in the Waste Recovery Plan, and due to the nature of the proposal tipping waste in to water, technical assessment of the suitability of the wastes would be needed during a permit application rather than during assessment of the Waste Recovery Plan.

The Environment Agency can only authorise the placement of waste into water as a recovery activity where an applicant can show through their risk assessment how they will protect groundwater and surface water receptors. You must show through risk assessment and application documents you are taking appropriate measures necessary to mitigate the risk of pollution.

Appropriate measures will be informed by key documents, for example the findings of any hydrogeological risk assessment, which would be technically assessed by the Environment Agency as part of any permit determination. You would also have to specify what controls, including waste acceptance procedures and testing criteria, are appropriate in the context of the site setting.

Waste acceptance criteria are likely to be based on leachability concentrations that meet the minimum reporting values for hazardous substances based on DWS and/or EQS. Or background groundwater concentrations, where these are lower than the DWS and/or EQS. We may place further restrictions on certain wastes for example those from brownfield excavations, loads from multiple waste streams or where there is suspicion of contamination. A recovery permit may also require further controls, for example the installation of groundwater monitoring wells and associated monitoring or the use of an attenuation layer.

You may still apply for a recovery permit or variation to the existing permit, however if you are unable to provide further evidence that supports your claim that the activity is a recovery operation, then the application is likely to be refused. If this happens you will lose your application fee. If your application is refused you have the right to appeal that refusal.

If you have any questions please phone me or email	<u>ellewellyn@environment-</u>
agency.gov.uk	

Yours sincerely

Emily Llewellyn

Permitting Officer



APPENDIX WRP7

Correspondence with Local Planning Authority

From: Murray, Alicia
To: Michael Knott

Subject: RE: URGENT: Skelbrooke Quarry Extension Area Planning Queries

Date: 10 July 2020 09:36:43

Hi Michael.

The definition of inert material can be both waste and non-waste material and the Council could accept this providing all the necessary agreements and permits have been approved by the Environment Agency.

I believe both types of inert material would require permits from the Environment Agency.

Kind Regards,

Alicia.

From: Murray, Alicia Sent: 10 July 2020 07:35

To: Michael Knott < Michael. Knott@thesiriusgroup.com>

Subject: RE: URGENT: Skelbrooke Quarry Extension Area Planning Queries

Hi Michael,

I cannot say much more on what material we would accept, all I can say is the LPA would accept inert material and the permitting is out of our hands (EA outline what is acceptable) and we will work with the EA where needed.

Kind Regards,

Alicia.

From: Michael Knott < Michael. Knott@thesiriusgroup.com >

Sent: 09 July 2020 15:50

To: Murray, Alicia < Alicia. Murray@doncaster.gov.uk >

Subject: RE: URGENT: Skelbrooke Quarry Extension Area Planning Queries

Importance: High

Good Afternoon Alicia,

Many thanks for your email and for the response to our queries. With regards to your response to Question 1 thank you for confirming that the Council would be happy for the restoration of the void to be achieved using inert material. Would you be able to clarify the definition of Inert Material and confirm whether this definition encompasses both inert non-waste material and inert waste materials.

Kind Regards

Michael



Michael Knott | Environmental Consultant | Environmental

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From: Murray, Alicia < Alicia. Murray@doncaster.gov.uk >

Sent: 09 July 2020 15:27

To: Michael Knott < Michael. Knott@thesiriusgroup.com >

Subject: RE: URGENT: Skelbrooke Quarry Extension Area Planning Queries

Good Afternoon Michael,

Thank you for the email and outlining some of the background information regarding the proposed restoration works.

You have asked two questions and I will respond to them below:

Q1: Are you able to confirm whether non-waste material could be used to support quarry restoration?

A: The Council would be happy to accept inert materials to be used to restore this void, subject to the agreement with the Environment Agency.

Q2: subject to the submission of a new planning application, are you able to confirm if the Planning Authority are still minded to seek that the quarry void is restored?

A: The Council still want to see this void restored, as you may be aware there have been incidents on this site due to this void and the Council would like to see the whole site restored. This would require a new permission, as there has already been a Section 73 to extend these time periods previously which have now lapsed. Please see the below link, which is the Councils' good practise guide for the submission of minerals applications.

 $\underline{https://dmbcwebstolive01.blob.core.windows.net/media/Default/Planning/Documents/DM\%20Planning/Minerals\%20Document.pdf}$

If you would like further advice regarding the submission of an application, we would require further information from yourselves preferably by way of a pre-app. We would need to know the type of materials which have been agreed by the EA and the associated vehicle movement to bring the material in, the time frames for restoration, the dust and noise mitigation measures you would propose... this can then help the relevant stakeholders make a judgement on the acceptability of the proposal and to ensure the neighbouring community are not significantly harmed during these works.

I hope this is of assistance, if you do require anything further please do not hesitate to email me again.

Kind Regards, Alicia.

From: Michael Knott < Michael. Knott@thesiriusgroup.com >

Sent: 06 July 2020 16:30

To: Murray, Alicia < <u>Alicia.Murray@doncaster.gov.uk</u>>

 $\textbf{Cc:} \ TSI-External \ address < \underline{TSI@doncaster.gov.uk} >; \ James \ Cook < \underline{james.cook@fccenvironment.co.uk} >; \ Dylan \ Thomas$

<<u>Dylan.Thomas@thesiriusgroup.com</u>>

Subject: URGENT: Skelbrooke Quarry Extension Area Planning Queries

Importance: High

Dear Alicia,

Further to our phone conversation, Sirius Environmental has been appointed by the operator of Skelbrooke Quarry and Landfill Complex (Darrington Quarries Limited [DQL]) to seek an alternative option to support the restoration of the northern extension area to the previously approved levels/profile. The north-western and south-eastern sections of the site have already been restored using site-won materials, with the central area being the only part of the site still needing to be restored. Whilst the site has been non-operational in terms of active mineral extraction and restoration operations for a number of years, in light of more recent publicised incidents at the site the operator are now seeking to prioritise the restoration of the site to ensure that further incidents of this nature don't occur.

Currently, the Environmental Permit held for restoration of the remaining void supports the development of an inert landfill facility. In light of the void's current flooded status, under the current permitted restoration option DQL are required to dewater the void and engineer the sidewalls in accordance with the Landfill Directive. It is considered that dewatering the quarry has the potential to influence groundwater levels around the edge of the adjacent non-hazardous landfill managed by DQL, whilst also potentially drawing in contaminated groundwater from the neighbouring historical and unlined DMBC landfill.

To avoid the need to dewater and engineer the void it is alternatively proposed to seek to restore the site through the direct tipping of suitably uncontaminated materials into the flooded void. Under these proposals, the contaminative nature of these wastes will be need to account for the baseline hydrogeological environment. As such, in order to comply with the requirements of the Groundwater Directive, the leachable concentration thresholds of the wastes is likely to be reduced relative to the standard inert landfill acceptance criteria required by the Landfill Directive and specified in the Council Decision of 19th December 2002. Consequently, we are in the process of seeking approval with the Environment Agency (EA) that the scheme is deemed as 'waste recovery' as defined by the Waste Framework Directive. To support their assessment the EA have raised two queries which essentially seek to determine if the waste materials are replacing a non-waste material and if there remains an obligation to restore the remaining void given that the expiration of the existing planning permission (Ref.: 03/7149/P). The specifics of these queries are discussed in more detail below.

The first query raised by the Environment Agency relates to the type of material which could be utilised in the restoration of the quarry extension area. Planning permission (Ref.: 03/7149/P) specifies the use of imported waste materials to support its restoration. However, in order to demonstrate that the use of wastes is replacing the use of non-waste materials the EA are seeking confirmation if the Planning Authority would also consider the use of non-waste materials to support restoration of the site. Such materials could include low grade quarry products (e.g. quarry dust). Are you able to confirm whether non-waste material could be used to support quarry restoration?

The second query raised by the EA is to clarify if there remains an obligation to restore the site given that planning permission (Ref.: 03/7149/P) has expired in terms of the timescales specified in Condition 04. Therefore, subject to the submission of a new planning application, are you able to confirm if the Planning Authority are still minded to seek that the guarry void is restored?

I hope the above provides you with a clear summary of the queries raised by the EA and the information required to support the case for waste recovery. Should you have any queries or require further information, please do not hesitate to contact me.

Additionally, the operator has indicated that if it would prove beneficial to hold further discussions on this topic then they would be willing to participate in a conference call.

As discussed this is a time sensitive request; the Environment Agency has set a response deadline of 16/07/20, accordingly we would be most grateful if a response could be provided as soon as practicably possible. Additionally, if a conference call would be beneficial is it possible for this to also be undertaken this week.

Kind Regards

Michael



Michael Knott | Environmental Consultant | Environmental

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APPENDIX WRP8

Planning Consent Ref.: 21/01331/FULM



Miss Francesca Wray - Sirius Planning 4245 Park Approach Thorpe Park Leeds LS15 8GB

The Council has signed up to a Government backed initiative, this being the Planning Quality Framework. This framework requires the Local Planning Authority to make a commitment to ensure we are delivering a quality, value for money service and ensuring that we are delivering what our customers want. The Council will contact our Planning customers asking your opinion about our service. To find out more information and how to opt out of future surveys please log on to https://www.doncaster.gov.uk/services/planning/planning-performance-and-customer-feedback

Please note that the full version of this document cannot be viewed on all devices. If this document does not include the Doncaster Council crest and an electronic signature please contact tsi@doncaster.gov.uk

Applicants are requested to remove any site notices related to this application from outside the property to which the application relates.

21/01331/FULM

Scott Cardwell

Assistant Director for Economy & Development

THE DEVELOPMENT HEREBY GRANTED SHALL BE CARRIED OUT IN ACCORDANCE WITH THESE CONDITIONS AND THE DETAILS SHOWN ON THE APPROVED PLANS. YOU ARE REMINDED THAT THE COUNCIL HAS THE STATUTORY AUTHORITY TO TAKE ANY NECESSARY ACTIONS TO ENSURE COMPLIANCE WITH THE TERMS OF THIS DECISION. PLEASE VISIT THE FOLLOWING WEBPAGE "POST DECISION GUIDANCE NOTES" AT www.doncaster.gov.uk TO VIEW GUIDANCE NOTES TO SUPPORT THE DECISION NOTICE. YOU WILL NEED TO CONTACT BUILDING CONTROL TO DISCUSS THIS PROJECT - PLEASE TELEPHONE 01302 734848

Doncaster Metropolitan Borough Council, Civic Office, Waterdale, Doncaster, DN1 3BU



TOWN AND COUNTRY PLANNING ACT 1990 (AS AMENDED)

PLANNING PERMISSION GRANTED

Application 21/01331/FULM

Proposal Restoration of remaining quarry void and landfill site through in filling of

suitable restoration materials and restoration to agriculture, woodland

and wetland area

Location Skelbrooke Quarry And Landfill Site Doncaster Lane Skelbrooke

Doncaster

Dated 1st March 2022

Doncaster Metropolitan Borough Council acting as the Local Planning Authority, has considered your application described above and has decided to **GRANT PERMISSION** subject to the following **CONDITIONS/DIRECTIVES** as set out below. Your further attention is drawn to any informatives attached thereafter.

STATEMENT OF COMPLIANCE WITH ARTICLE 35 OF THE TOWN AND COUNTRY DEVELOPMENT MANAGEMENT PROCEDURE ORDER 2015

In dealing with the application, the Local Planning Authority has worked with the applicant to find solutions to the following issues that arose whilst dealing with the planning application:

Ecology Landscaping

Scott Cardwell

Assistant Director for Economy & Development

THE DEVELOPMENT HEREBY GRANTED SHALL BE CARRIED OUT IN ACCORDANCE WITH THESE CONDITIONS AND THE DETAILS SHOWN ON THE APPROVED PLANS. YOU ARE REMINDED THAT THE COUNCIL HAS THE STATUTORY AUTHORITY TO TAKE ANY NECESSARY ACTIONS TO ENSURE COMPLIANCE WITH THE TERMS OF THIS DECISION. PLEASE VISIT THE FOLLOWING WEBPAGE "POST DECISION GUIDANCE NOTES" AT www.doncaster.gov.uk TO VIEW GUIDANCE NOTES TO SUPPORT THE DECISION NOTICE. YOU WILL NEED TO CONTACT BUILDING CONTROL TO DISCUSS THIS PROJECT – PLEASE TELEPHONE 01302 734848

Doncaster Metropolitan Borough Council, Civic Office, Waterdale, Doncaster, DN1 3BU



01. The development to which this permission relates must be begun no later than the expiration of three years beginning with the date of this permission.

REASON

Condition required to be imposed by Section 91(as amended) of the Town and Country Planning Act 1990.

02. The development hereby permitted must be carried out and completed entirely in accordance with the terms of this permission and the details shown on the approved plans listed below:

Application form received 19 April 2021

Dwg. No. WR7747/07/03 Revision 1 General Site Layout received 19 April 2021

Dwg. No. WR7747/07/04 Revision 1 Phasing Plan received 19 April 2021

Dwg. No. WR7747/07/05 Proposed Restoration Contours received 19 April 2021

Dwg. No. WR7747/07/06 Proposed Restoration Contours Cross Sections received 19 April 2021

Dwg. No. WR7747/07/08 Proposed Scheme of Surface Water Drainage received 19 April 2021

Dwg. No. WR7747/07/10 Site Restoration Landscape Details received 26 November 2021

WR7754/FRA/01 Flood Risk Assessment received 19 April 2021

WR7757/SW/01 Design report for the surface water scheme received 19 April 2021

Report No. WR7747/PS Planning Statement received 19 April 2021

FE71/EA01 Ecological Appraisal received 19 April 2021

Wintering Bird Survey Report received 19 April 2021 and 28 August 2021

FE71/BIA01 Biodiversity Impact Assessment received 27 August 2021

Transport Statement received 19 April 2021

Noise Impact Assessment received 19 April 2021

Dust Risk Assessment & Dust Management Plan received 19 April 2021

Scott Cardwell

Assistant Director for Economy & Development



REASON

To ensure that the development is carried out in accordance with the application as approved.

- 03. The developer shall notify the Waste Planning Authority in writing within one month of the dates of commencement/completion of the following:
 - (i) entering new phase of tipping;
 - (ii) completion of each tipping phase;
 - (iii) completion of restoration of each tipping phase;
 - (iv) completion of the landscaping/planting scheme; and
 - (v) completion of final restoration.

REASON

To enable the Waste Planning Authority to control the development and to monitor the site to ensure compliance with the planning permission.

04. The importation of permitted material (inert and non-hazardous construction, demolition and excavation material deemed suitable for disposal within an agreed environmental permit) into the site shall be completed no later than five years from the date of commencement of importation as notified to the Waste Planning Authority under condition 3. The Waste Planning Authority shall be notified in writing of the date of cessation of the importation of restoration material into the site within 14 days of its occurrence.

REASON

To ensure that the tipping operations are tied to the planning permission in the interests of protecting the South Yorkshire Green Belt and local amenity.

Scott Cardwell

Assistant Director for Economy & Development



05. All restoration operations shall be completed no later than 2 years from the date of cessation of the importation of restoration material into the site as notified to the Waste Planning Authority under condition 3.

REASON

To ensure that the restoration operations are tied to the planning permission in the interests of protecting the South Yorkshire Green Belt and local amenity.

06. No development shall take place until a Dust Management Plan which shall include an assessment of impacts and any necessary mitigation measures has been submitted to and approved in writing by the Waste Planning Authority. Development shall be carried out in accordance with the approved plan.

REASON

To ensure that dust is controlled within the site in the interest of protecting local amenity.

07. No development shall take place until an HGV Management Scheme has been submitted to and approved in writing by the Waste Planning Authority. This shall include details of signs to be erected at the site and written instructions to be provided to HGV drivers requiring that HGVs travel to and from the site only via Hazel Lane/Straight Lane connection to A638 and no other route. The pay load areas of HGVs travelling to and from the site shall be sheeted at all times.

REASON

In the interests of protecting highway safety and local amenity.

Scott Cardwell

Assistant Director for Economy & Development



08. No waste shall be deposited at the site until details of measures to prevent the deposit of mud on the public highway have been submitted to and approved in writing by the Waste Planning Authority. The approved measures shall be provided before any works are commenced on site. In the event that the access arrangements fail to prevent mud being carried on to the public highway, the operator shall submit for the written approval of the Mineral Planning Authority a scheme detailing measures to be taken to prevent the deposit of mud on to the public highway and thereafter implement and utilise the approved scheme for the duration of all operations on the site.

REASON

In the interests of preventing mud from being deposited on the highway to protect highway safety.

09. No floodlighting shall be erected on the site until details have been submitted to and approved in writing by the Waste Planning Authority. Floodlighting shall be angled downwards and suitably shielded to ensure that it does not result in glare or dazzle. Floodlighting shall not be used outside the following times:

Mondays to Fridays 07:00 to 18:30 hours and Saturdays 07:00 to 13:30 hours.

Outside those hours any external lighting shall only be operated individually and through a movement sensor switch with a maximum lighting cycle not exceeding 5 minutes.

REASON

To protect the character and appearance of the area.

10. Operations shall only take place during the following times:

Scott Cardwell

Assistant Director for Economy & Development



Mondays to Fridays 07:30 to 18:00 hours and; Saturdays 07:30 to 13:00 hours.

The starting and warm up of plant and machinery is permitted from 07:00 on these days.

No operations shall take place on Sundays or on Bank or Public Holidays.

REASON

To protect local amenity.

11. No crushing or screening of waste shall take place on or adjacent to the site.

REASON

To ensure the operations are tied to the planning permission and in the interests of protecting local amenity.

12. A maximum of three bulldozers 360o tracked excavator shall be operated on the site at any time. The mobile plant shall be fitted with white noise reversing warning devices and shall be fitted with silencers which shall be maintained in accordance with the manufacturer's recommendations and specifications.

REASON

To protect local amenity.

13. There shall be no more than 50 HGV movements to and from the site (25 in, 25 out) in any one working day unless otherwise agreed with the LPA. Written records shall

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be maintained of all HGV movements into and out of the site and copies of those records shall be made available to the Waste Planning Authority within 7 days of a written request being made.

REASON

In the interests of protecting highway safety and the safe operation of the road network.

14. Noise arisings from the permitted site shall not exceed 55dB Laeq.1h (freefield) at noise measurement points at Doncaster Lane, Bannister Lane, Priory Farm and Home Farm as detailed in approved noise impact assessment. In the event of a noise complaint being received by the Waste Planning Authority regarding the development hereby permitted which, in the opinion of the Waste Planning Authority may be justified, at the first practicable opportunity following a request from the Waste Planning Authority a noise impact survey shall be carried out by the site owner or operator and submitted to the Waste Planning Authority for its written approval. The free field noise level associated with the development, when measured in the curtilage of the complainant's property (or any alternative location which may be agreed with the Waste Planning Authority) shall not exceed the background noise level by more than 10dB(A), subject to a maximum of 55dB LAeq 1hr. Should the survey demonstrate that those noise limits are being exceeded the report shall specify additional mitigation measures and details of their timing. Any additional mitigation measures that may be approved in writing by the Waste Planning Authority shall be carried out immediately upon approval and thereafter maintained.

REASON

To ensure that noise arising from the development does not exceed permitted levels.

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15. The planting scheme shown on the approved plan Dwg No. WR7747_07_10 site restoration - landscape details hereby approved in writing by the Local Planning Authority, shall be implemented in the first available planting season after commencement of each restoration phase of the site/development in accordance with good horticultural practice and BS 8545:2014 Trees: from nursery to independence in the landscape - Recommendations. The local Planning Authority shall be notified in writing within 7 working days of completion of the landscape works to the required standard and the completion shall be subsequently approved in writing by the Local Planning Authority. The approved scheme shall be maintained for a minimum of five years in accordance with BS 8545:2014 Trees: from nursery to independence in the landscape - Recommendations and good horticultural practice. Any landscape which is defective, damaged or removed within five years of establishment shall be replaced during the next available planting season in accordance with the approved details.

REASON

To ensure the proper aftercare of the site and in the interests of environmental quality.

16. The application site shall undergo aftercare management for a 15 year period following completion of restoration. The date of commencement of the aftercare period shall be submitted to and approved in writing by the Waste Planning Authority before that period begins and the aftercare period shall run from the approved date.

REASON

To ensure that the site establishes in accordance with the agreed details.

17. Prior to the commencement of restoration works a 30 year adaptive Management and Monitoring Plan for proposed onsite habitats shall be submitted to the Local

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Planning Authority for approval in writing. The Management and Monitoring plan shall detail the following:

- A 30 year adaptive management plan for the site detailing the management measures to be carried out over the phased restoration of the site in order to achieve the target conditions proposed for each habitat parcel.
- Objectives relating to the timescales in which it is expected progress towards meeting target habitat conditions will be achieved.
- A commitment to adaptive management that allows a review of the management plan to be undertaken and changes implemented if agreed in writing by the LPA and if monitoring shows that progress towards target conditions is not progressing as set out in the agreed objectives.
- That monitoring reports shall be provided to the LPA on the 1st November of each year of monitoring (Years 1, 2, 3, 5, 10, 15, 20, 25 and 30) immediately following habitat creation. GIS files showing the current habitat condition of each habitat parcel will accompany each monitoring report.
- The detailed scope of proposed monitoring reports including (but not exclusively), presence of any target species, date stamped photos accompanied by detailed site notes on the extent of growth and condition of habitats, notes on factors that could be hindering the progress towards proposed target condition, detailed recommendations on changes to the management actions for parcels where progress is not as planned.
- Data will be provided in an agreed standard format to allow for collation into a district-wide biodiversity network database.

Once approved in writing the management measures and monitoring plans shall be carried out as agreed.

REASON

To ensure the habitat creation on site and subsequent management measures are sufficient to deliver a net gain in biodiversity as required by the NPPF paragraph 174 and a minimum 10% biodiversity net gain.

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18. In the event of waste disposal operations ceasing for a period in excess of 12 months at any time before the full term hereby permitted, restoration of the application site shall commence in accordance with the approved landscaping scheme unless otherwise approved in writing by the Local Planning Authority and such restoration works shall be completed within 36 months of the date that they were commenced.

REASON

To ensure that the aftercare operations are tied to the planning permission in the interests of protecting the South Yorkshire Green Belt and local amenity.

19. No waste shall be deposited at or imported into the site except those materials defined in the application, i.e. inert and non-hazardous construction, demolition and excavation material deemed suitable for disposal within an agreed environmental permit.

REASON

To protect environmental quality from harm.

20. The sole means of access onto the public highway shall be via the existing access arrangements into Skelbrooke Quarry, as indicated on the approved plan.

REASON

In the interests of local amenity, the protection of the public highway and highway safety.

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21. The existing access and arrangements, including facilities to wash the wheels of vehicles, facilities to count the number of HGVs entering and leaving the site and the metalled surfacing of the access road shall be maintained for the duration of restoration works at the site for the duration of this permission.

REASON

In the interests of local amenity, the protection of the public highway and highway safety.

22. A water bowser or other method of dust suppression shall be used on the access road during dry weather conditions to minimise dust generation.

REASON

To ensure that dust emissions arising from the development are within acceptable levels.

23. No subsoil resources shall be removed from the site, unless they are to be utilised in the restoration of the existing quarry.

REASON

In the interests of the agricultural resource.

24. On the cessation of infilling and restoration operations, all buildings, plant, surface equipment, hard standing areas and internal haul roads shall be removed from the site within 12 months of the date of such cessation, unless otherwise agreed by the Mineral Planning Authority

REASON

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To ensure that the site is restored to an acceptable standard.

INFORMATIVE

ANY surface water discharge into ANY watercourses in, on, under or near the site requires CONSENT from the Drainage Board.

If the surface water were to be disposed of via a soakaway system, the IDB would have no objection in principle but would advise that the ground conditions in this area may not be suitable for soakaway drainage. It is therefore essential that percolation tests are undertaken to establish if the ground conditions are suitable for soakaway drainage throughout the year.

If surface water is to be directed to a mains sewer system the IDB would again have no objection in principle, providing that the Water Authority are satisfied that the existing system will accept this additional flow.

If the surface water is to be discharged to any watercourse within the Drainage District, Consent from the IDB would be required in addition to Planning Permission, and would be restricted to 1.4 litres per second per hectare or greenfield runoff.

No obstructions within 9 metres of the edge of a watercourse are permitted without Consent from the IDB.

For further application information, consent guidance & forms Visit: www.shiregroup-idbs.gov.uk, Select 'IDB', then select 'Doncaster East IDB', and select 'Planning, Consent & Byelaws'.

For direct enquiries e-mail: planning@shiregroup-idbs.gov.uk

INFORMATIVE

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THE DEVELOPMENT HEREBY GRANTED SHALL BE CARRIED OUT IN ACCORDANCE WITH THESE CONDITIONS AND THE DETAILS SHOWN ON THE APPROVED PLANS. YOU ARE REMINDED THAT THE COUNCIL HAS THE STATUTORY AUTHORITY TO TAKE ANY NECESSARY ACTIONS TO ENSURE COMPLIANCE WITH THE TERMS OF THIS DECISION. PLEASE VISIT THE FOLLOWING WEBPAGE "POST DECISION GUIDANCE NOTES" AT www.doncaster.gov.uk TO VIEW GUIDANCE NOTES TO SUPPORT THE DECISION NOTICE. YOU WILL NEED TO CONTACT BUILDING CONTROL TO DISCUSS THIS PROJECT - PLEASE TELEPHONE 01302 734848

Doncaster Metropolitan Borough Council, Civic Office, Waterdale, Doncaster, DN1 3BU



The proposed development lies within a coal mining area which may contain unrecorded coal mining related hazards. If any coal mining feature is encountered during development, this should be reported immediately to the Coal Authority on 0345 762 6848.

Further information is also available on the Coal Authority website at: www.gov.uk/government/organisations/the-coal-authority

Standing Advice valid from 1st January 2021 until 31st December 2022

Sell

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