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1. REGISTER OF ENVIRONMENTAL ACTIONS AND COMMITMENTS

- 1.1.1. The Register of Environmental Actions and Commitments (REAC) contained in **Table 1.1 below** identifies the environmental actions and commitments that have been identified during the environmental impact assessment (EIA) and reported within the **ES Chapters** (APP-041 – APP-054), the **Proposed Changes Application Report (PCAR)** (AS-045) and the **Second Change Application Report (SCAR)** (document reference 8.15, submitted alongside this document) in order to mitigate the potential environmental effects of the Proposed Scheme.
- 1.1.2. The REAC contains measures that will be implemented during design, construction, operation and decommissioning of the Proposed Scheme. It will enable the Applicant to communicate environmental actions and commitments to its own organisation and to designers, contractors, operators and users of the Proposed Scheme.
- 1.1.3. Where measures are refined and / or updated as the Proposed Scheme progresses, it shall be ensured that the implementation of such measures does not lead to materially new or materially different effects to those reported in the ES.
- 1.1.4. Where measures will be included in the Construction Environmental Management Plan (CEMP) for the Proposed Scheme this is detailed within the Achievement Criteria and Reporting Requirements column in **Table 1.1** below. It is proposed that approval and implementation of the CEMP will be secured via a requirement in Schedule 2 of the DCO. The CEMP for the Proposed Scheme will include the following plans:
- a.** Materials Management Plan (as an appendix to the CEMP);
 - b.** Stakeholder Communication Plan;
 - c.** Invasive Species Strategy;
 - d.** Soils Handling Management Plan;
 - e.** Construction Phase Surface Water Management Plan;
 - f.** Site Waste Management Plan – the SWMP will be produced and updated throughout the construction of the Proposed Scheme and will be part of the CEMP. It is usual that the SWMP will be in electronic format; and
 - g.** Watercourse Pollution Prevention Plan including a contingency plan in case of an accident / pollution incident.
- 1.1.5. Plans that will be produced for the Proposed Scheme but that will not be included in the CEMP include the following, and their approval and implementation is proposed to be secured by a requirement in Schedule 2 of the draft DCO:
- a.** Lighting Strategy developed from the **Draft Lighting Strategy** (REP6-019)

- b.** Construction Traffic Management Plan (CTMP) developed in accordance with the **Outline CTMP** (REP2-028)
- c.** Construction Worker Travel Plan (CWTP) developed in accordance with **Framework CWTP** (REP2-030)
- d.** Landscape and Biodiversity Strategies (LBS) which will be developed from the **Outline LBS** (REP5-013 APP-181 to APP-183)

- 1.1.6. Given that it is not currently possible to predict the activities that will be involved in the decommissioning of the Proposed Scheme, specific detail for the DEMP has not been included in this REAC. Those measures that are detailed below that apply to pre-construction and construction stages of the Proposed Scheme will however be considered in the production of the DEMP and the DEMP will be approved by the LPA prior to commencing decommissioning.
- 1.1.7. The Applicant recognises that some effects (including those as a result of noise, fugitive emissions, secondary containment and waste) arising from the Proposed Scheme may be difficult to delineate from permitted activities carried out at Drax Power Station Site in the normal course of events. In the event of an issue or complaint arising, the Applicant would facilitate discussions between the LPA and the EA to determine the appropriate next steps.

Table 1.1 Register of Environmental Actions and Commitments

Ref ID	Mitigation measure	Source Ref ¹	Project Stage	Mechanism for Securing Measure	Achievement Criteria and Reporting Requirements	Responsible Organisation
Design						
D1	Design principles, described within Section 4 of the Design Framework (APP-195) for soft and hard landscaping within the Drax Power Station Site, that will be followed in the detailed design, are set out below: - The inclusion, where reasonably practicable, of landscape elements which reinforce the original intents of the Weddle Strategy for the Drax Power Station Site, notably: - To create an attractive and positive working environment for site users within the confines of the Power Station; and - To provide a landscape structure capable of incorporating continuing development of ancillary industry. - Planting measures which seek to enhance any new or modified public realm: - clear definition of pedestrian/vehicular circulation; sub-division of larger spaces (such as new parking area provision); - introducing a “human scale” as a benefit of planting measures; reducing the sense of imposition from adjacent large-scale infrastructure; and - Landscape measures where practicable to screen and soften the effects of installed artificial light sources. - Improving the biodiversity value of amenity planted areas within the Power Station Site: - Increasing species-rich grassland areas, with reduced amenity grassed areas (subject to function); - Incorporating species-rich amenity hedges where introduced; and - Reducing the use of ornamental shrub species in favour of species selection for biodiversity and habitat creation, while maintaining an amenity function. - Enhancement opportunities resulting from any necessary replacement of aged, over-mature amenity planting, where its appearance and function is now heavily compromised. - Design principles, described within Section 4 of the Design Framework (APP-195) for the colour palette associated with the Proposed Development that will be followed in the detailed design, are set out below. These will adhere,	ES Chapter 9 (Landscape and Visual Amenity) - para 9.10.6 (APP-045) Design Framework – paras 4.1.9 - 4.1.11 and 4.2.21, 4.2.30 – 4.2.33 (APP-195) ES Chapter 2 (Site and Project Description) (APP-038)	Detailed Design	DCO, Schedule 2: Requirement 6 (Detailed Design Approval) for parts 1, 2 and 5 DCO, Schedule 2: Requirement 7 (Provision of Landscape and Biodiversity Mitigation and Enhancement) for parts 3 and 4.	Detailed Design. This will be recorded on as built drawings. Landscape mitigation and planting will occur in line with the LBS which will be approved by the LPA.	Main Designer

¹ The Examination Library references in brackets are the most recent version of the documents submitted into the Examination.

	where possible, with the guidance on massing and colour in the Weddle Report: a) 'Goosewing Grey' (BS10A05) will be used for storage tanks and pipework; b) Lighter colour tones including 'Ash Grey' BS9093 will be used for buildings over 15 m. c) Darker colour tones including 'Dark Camouflage Brown' (BS381C-436) will be used for lower level buildings up to 15m in height. d) Where possible, the use of colour tones will be restricted to those already agreed / employed within the Drax Power Station Site however functional performance or maintenance requirements may dictate material selection and restrict scope for colour selection.					
D2	The current firewater system in place on site will be extended to contain and mitigate fires on the BECCS plant to minimise the risk of spread to the other Control of Major Accident Hazards (COMAH) installations. An additional dedicated firewater tank will be installed for the process area.	ES Appendix 17.2 (Environmental Statement Risk Record) - Table 1.1 (APP-172)	Detailed Design	DCO, Schedule 2, Requirement 6 (Detailed Design Approval)	Detailed Design This will be recorded on as built drawings.	Designer
D3	During the preliminary design, and to avoid and mitigate adverse impacts from material resources consumption, and the generation and disposal of waste, a proportion of aggregate imported to site for temporary piling platforms will be retained for reuse as structural fill on the Proposed Scheme (55,600 tonnes).	ES Chapter 13 (Materials and Waste) - para 13.9.4 (APP-049)	Detailed Design	DCO, Schedule 2, Requirement 6 (Detailed Design Approval) DCO, Schedule 2, Requirement 14 (Construction Environmental Management Plan) to secure the SWMP.	The details of the reuse of materials will be included in the SWMP Detailed Design This will be recorded on as built drawings.	Designer Main Contractor
D4	A Draft Lighting Strategy (APP-184) has been produced which outlines the mitigation measures for the project. The following specific design requirements will be followed in the lighting design for the Proposed Scheme: 1) BS EN 12464-2:2014 provides recommendations and lighting levels for the majority of areas that make up the Proposed Scheme. It is likely that some areas of the site where specific tasks require alternative levels, will require illuminating appropriately but may not be covered by the standard and should be discussed as part of the detailed design phase to determine appropriate levels of illumination and suitable mitigation measures, particularly if levels are required to be high. 2) The extent of lit sections will be constrained to the minimum required for safety;	ES Chapter 8 (Ecology) – para 8.10.21, para 8.10.29, (APP-044) Draft Lighting Strategy – para 5.2.8 to 5.3.13 (APP-184) ES Chapter 9 (Landscape and Visual Amenity) –	Design Operation	DCO, Schedule 2, Requirement 8 (External lighting during operation)	Lighting Strategy approved by the LPA. This will be recorded on as built drawings.	Designer The Applicant

	3) Selected lighting levels will be reduced to the minimum required for safety; 4) LED luminaires will be specified so that light distribution is easily controllable to reduce spill light and other obtrusive parameters; 5) Luminaires will be specified so that no light is emitted directly upward above the horizontal where practicable; 6) Luminaires with a minimum luminous intensity class of G4 (refer to (BSI, 2015) will be utilised, to remove any light emission above the horizontal and to reduce source intensity over greater distances where practicable; 7) Luminaires will be installed at 0° to the horizontal to preserve their luminous intensity class; 8) Luminaires with maximum colour temperatures of 3,000 Kelvin (K) will ideally be used, to minimise the blue-light component and the Proposed Scheme's impact on fauna populations; 9) Other colour temperatures up to 5,000 K where higher colour rendering is required for specific visual tasks, can be utilised but will be kept to a minimum where practicable; 10) A more limited range of spectral power distribution will be used, with predominance in the longer wavelength end of the spectrum, to aid environmental mitigation; 11) A system of control and operation will be considered that allows: a) Dimming of lighting to a lower level during periods of low use or switch-off when areas are not in use; b) The use of detection-operated lighting will be considered where appropriate and / or zonal switching i.e., lighting is only operational when tasks are being performed and is activated locally by the operative or via the site control room; 12) Shield and baffles will be used where levels of obtrusive light cannot be limited through good design and where issues may arise post-installation; 13) The choice of luminaire with the right distribution at the right height will be made to minimising light spill and obtrusive light effects whilst providing the right lighting performance on the task area. It should be noted that a lower mounting height is perhaps not better. A lower mounting height can create a higher level of light spill and require more columns. 14) Light spill onto confirmed, suspected or introduced bat roosts, boxes and the like is prohibited and will be avoided primarily through good design and secondarily by physical shields where necessary; 15) Light spill onto trees and hedgerows will be minimised through good design, with physical shields installed where necessary; 16) A 'buffer zone' of very low illuminance (if any) will be created adjacent to established or proposed key habitats, such as adjacent to treelines. In accordance with ILP GN08 (Institution of Lighting Professionals, 2018) a wider system of zoning may be employed to mitigate against artificial lighting;	para 9.10.10 (APP-045) Design Framework – para 4.1.27 (APP-195)				
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	17) Landscaping measures in the form of shrubs and tree planting to further act as secondary mitigation to screen and soften the effects of installed artificial light sources will be considered; 18) To minimise effects on foraging and commuting bats, otters (and other nocturnal species) as a result of light spill, the lighting design will incorporate measures to reduce the effects of lighting on fauna and flora. This will be reviewed by a suitably qualified ecologist to ensure that effects on sensitive habitats are avoided. The Lighting Strategy will be informed by Lux modelling of any proposed lighting. This will support achieving a maximum increase of 1 lux onto habitats beyond the northern boundary of the Power Station Site (habitats in and adjacent to the Habitat Provision Area) arising from Proposed Scheme operational lighting.					
D5	In order to reduce the potential effects for flooding from sea level rise of the Carbon Capture Plants and supporting infrastructure is creation of additional floodplain capacity (a minimum floodplain area of 880 m ² will be created) through the lowering of ground currently outside the floodplain on land controlled by the Applicant.	ES Chapter 12 (Water Environment) - para 12.10.35 (APP-048) ES Chapter 14 (Climate Change Resilience) - para 14.10.4 (APP-050)	Detailed Design	DCO, Schedule 2, Requirement 6 (Detailed Design Approval)	Detailed Design This will be recorded on as built drawings.	Main Designer
D6	When the new distribution voltage infrastructure equipment has been defined as part of detailed design, an electric and magnetic fields assessment will be carried out.	Consultation Report - Table 7.2 (APP-018)	Detailed Design	DCO, Schedule 2, Requirement 6 (Detailed Design Approval)	Electric and magnetic fields assessment completed.	The Applicant
D7	Surface water runoff from new impermeable areas will be limited to the pre-development greenfield runoff rate or 1.4l/s/ha, whichever is the least. New outfalls will be: 1) Set back from the existing bank and not protrude into the watercourse. 2) Erosion protection will be provided in the existing bed and banks if required. 3) A marker post will be provided at the top of the bank at all new outfalls. 4) The invert levels of any new outfalls are designed in relation to existing watercourses (or receiving watercourse) and that outfalls will not be below existing watercourse bed levels and not submerged below 'normal' water levels. 5) Any variation to the above will be discussed with the IDB.	Requested by the IDB during Pre-Examination	Detailed Design	DCO, Schedule 2, Requirement 6 (Detailed Design Approval)	Detailed Design.	Designer / Main Contractor
D8	Should detailed design require foundations to be constructed within the 7m buffer from IDB watercourses/culverts, they will be designed in such a manner so that they would not extend into the culvert / channel (i.e. impact flow conveyance) or prevent maintenance to the culvert / channel from being undertaken.	Requested by the IDB during Pre-Examination	Detailed design	DCO, Schedule 2, Requirement 6 (Detailed Design Approval)	Detailed Design	Designer / The Applicant

D9	It may be mutually beneficial (for the Applicant and the IDB) for the Habitat Provision Areas to be located within 7m of the watercourse. This will be discussed with the IDB during detailed design.	Requested by the IDB during Pre-Examination	Detailed Design	DCO, Schedule 2, Requirement 6 (Detailed Design Approval)	Detailed Design	Designer / The Applicant
D10	New culverts or crossings will be no smaller than those immediately upstream or downstream so as not to change flood risk. The access crossing culverts will be of box shape or bridge type structure, connecting top of bank to minimise impact on watercourses. If a pipe culvert is unavoidable, it will be sized to be no smaller than a downstream culvert. Following construction, temporary culverts or crossings will be reinstated. Should surface water drainage need to cross the culverted section of Carr Dyke, suitable measures will be in place to enable maintenance to the culvert, and to ensure that the surface water drainage does not go through the culvert.	Requested by the IDB during Pre-Examination	Detailed Design / Construction	DCO, Schedule 2, Requirement 6 (Detailed Design Approval)	Detailed Design	Designer / Main Contractor
General						
G1	A CEMP will be approved by the Local Planning Authority (LPA) (The North Yorkshire Council (NYC)), prior to construction works commencing on site. The measures contained in the CEMP will be reviewed and updated by the Main Contractor in consultation with the LPA on a regular basis. The measures contained in the CEMP will be used to manage and mitigate the potential environmental impacts that could result from the construction and decommissioning of the Proposed Scheme respectively. As a minimum the CEMP will provide that the Applicant will review and update the measures as follows: 1) Every six months; 2) To incorporate changes to legislation, policy or other requirements; 3) To incorporate the outcomes of environmental audits and inspections; 4) Following the outcome of environmental incident investigation on site; and 5) In response to near miss and good practice reporting. The CEMP will also provide that the Applicant must provide copies of the updated CEMPs to the LPA accompanied by a confirmation that any revisions within the updated CEMP do not lead to any materially worse environmental effects arising from the Proposed Scheme than those assessed in the ES'.	ES Chapter 2 (Site and Project Description) – para 2.3.33 (APP-038) ES Chapter 17 (Major Accidents and Disasters) - para 17.11.2 (f) (APP-053)	Pre-construction Construction	DCO, Schedule 2, Requirement 14 (Construction Environmental Management Plan)	The CEMP will be approved by the LPA. Copies of updated CEMP provided to the LPA.	Main Contractor
G2	Arisings will be suitably stockpiled to maximise reuse. The East Construction Laydown Area has been identified for storage of topsoil from the area and for laydown of plant and materials. The redundant limestone and gypsum storage buildings will be used for covered laydown and fabrication of materials. Stockpiles will be designed to minimise quality degradation, damage and loss of resource.	ES Chapter 6 (Air Quality) – para 6.10.3 (APP-042) ES Appendix 6.2 (Construction and Decommissioning Dust)	Construction	DCO, Schedule 2, Requirement 14 (Construction Environmental Management Plan)	The CEMP will be approved by the LPA.	Main Contractor

	The CEMP will include the following measures to minimise quality degradation, damage and loss of stockpiled resources: 1) Stockpiles will be located a minimum of 10m from surface water features, a minimum of 10m of water bodies and drainage lines and as far as possible from sensitive properties, taking account of the prevailing wind direction (where practicable); 2) Topsoil and other construction materials (including hazardous materials and plant and equipment) will not be stored in the northern and southern parts of East Construction Laydown Area, which is shown to be at risk of flooding in the breach scenario; 3) The methods for prevention of erosion and leachate generation, such as using jute matting to mitigate the release of sediment load; 4) Appropriate signage will be used to identify contents of stockpiles; 5) To reduce area of surfaces exposed to wind pick-up, stockpile surface areas will be minimised (subject to health and safety and visual constraints regarding slope gradients and visual intrusion); 6) Appropriate stockpile segregation, locations and containment measures, e.g. covering stockpiles with tarpaulins, to minimise the exposure of surface water and groundwater from contaminated run-off and local neighbours from windblown dusts, vapours and asbestos fibres; 7) To prevent wind whipping, stockpiles will be covered, seeded or fenced (where practicable); 8) To stabilise surfaces earthworks and exposed areas / soil stockpiles will be revegetated as soon as practicable. Otherwise, hessian, mulches or tackifiers will be used where re-vegetation is not possible; 9) To provide a physical barrier between the Site and the surroundings windbreak netting / screening will be positioned around material stockpiles and vehicle loading / unloading areas, as well as exposed excavation and material handling operations (where practicable); 10) During dry or windy weather, material stockpiles and exposed surfaces will be dampened down using a water spray to minimise the potential for wind pick-up; 11) Sand and other aggregates will be stored in bunded areas that are not allowed to dry out, unless this is required for a particular process, in which case other appropriate additional control measures will be put in place; and 12) Bulk cement and other fine powder materials will be delivered in enclosed tankers and stored in silos with suitable emission control systems to prevent escape of material and overfilling during delivery.	Assessment) – para 1.3.1 (APP-126) ES Chapter 12 (Water Environment) – para 12.10.24 (APP-048) ES Chapter 13 (Materials and Waste) – para 13.10.3 (APP-049)				
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G3	A Materials Management Plan (MMP) will be produced as part of the CEMP, if necessary, following the Contaminated Land: Applications in Real Environments (CL:AIRE) 'Definition of Waste: Development Industry Code of Practice' (CL:AIRE, 2011) and / or exemptions / environmental permits, to ensure that soil re-use and imported materials are suitable for their intended use and will not significantly affect human health or the environment. It will also drive performance in the highest tiers of Waste Hierarchy as required by the Site environmental permit, thereby maximising reuse, recycling and recovery. This includes testing site arisings to determine suitability of reuse. If it is determined that an MMP is not required when the CEMP is submitted for approval, the CEMP will detail the conditions under which an MMP will have to be produced, in addition to details on the timing of its production. The MMP requires answers to a series of questions including: 1) The parties involved; 2) Suitably for use criteria; 3) Certainty of use; 4) Quantity of use; 5) Contingency arrangement; and 6) Tracking and document control and a verification plan.	ES Chapter 11 (Ground Conditions) - para 11.10.12 (APP-047) ES Chapter 13 (Materials and Waste) - para 13.10.9 (APP-049) ES Chapter 15 (Greenhouse Gases) - para 15.10.2 (APP-051)	Pre-construction Construction	DCO, Schedule 2, Requirement 14 (Construction Environmental Management Plan)	The MMP will be approved by a Qualified Person with a declaration sent to the EA.	Main Contractor
G4	A Piling Risk Assessment will be produced to outline measures to protect the underlying aquifers during construction and mitigate risk of creating preferential pathways for potential contamination. Additionally, risk assessments will be undertaken for any construction proposals entailing significant groundworks (especially those which are proposed to include excavations).	ES Chapter 11 (Ground Conditions)- para 11.10.10 (APP-047) ES Chapter 12 (Water Environment) - para 12.10.28 (APP-048)	Pre-construction Construction	DCO, Schedule 2, Requirement 12 (Ground Conditions)	Piling Risk Assessment will be approved by the EA. Completed risk assessments.	Main Contractor
G5	The following general measures will be included in the CEMP for the Proposed Scheme (taking account of the fact that the Drax Power Station site is operated under an Environment Permit (VP3530LS) and a significant proportion of these requirements are regulated in accordance with the Environmental Permit): 1) Construction working hours will be as follows: a) During the construction phase, standard working hours will be Mondays to Friday 07:00 to 19:00; b) On Saturdays, working hours will be 07:00 and 14:30; c) Start-up and shutdown activities will take place on the Drax Power Station Site during a one hour window either side of standard working hours; and	ES Chapter 8 (Ecology) - para 8.10.4 - 8.10.7 (APP-044) ES Chapter 9 (Landscape and Visual Amenity) - para 9.10.13 (APP-045) ES Chapter 11 (Ground Conditions) -	Construction	DCO, Schedule 2, Requirement 14 (Construction Environmental Management Plan)	The CEMP will be approved by the LPA. Environmental inspection and audit results.	Main Contractor

	d) Start-up activities consist of: opening of the site, arrival of workers, changing into work wear and pre-work briefings; and e) Shutdown activities consist of: changing out of work gear, departure of workers, post-work briefings, closing and securing the site. 2) Delivery or removal of materials, plant and machinery must not take place on Sundays, bank holidays nor otherwise outside the hours of: a) 08:00 to 18:00 hours on Monday to Friday; and b) 08:00 to 13:00 hours on a Saturday. 3) Restrictions on working hours above do not apply to construction work or the delivery or removal of materials, plant and machinery, where these: a) Are carried out within existing buildings or buildings constructed as part of the authorised development; b) Are carried out with the prior approval of the relevant planning authority; or c) Are associated with an emergency. 4) Working hours outside of these periods, including bank holidays, will be agreed in advance with The North Yorkshire Council (NYC). 5) Regular site inspections will be undertaken to monitor compliance. Inspections will be recorded, and the inspection log made available to the local authority, as required; 6) Upon completion, laydown areas and site compounds will be returned to their original use; 7) Construction compounds and working areas will be kept in a tidy condition (e.g., free of litter and debris); 8) Surrounding roads (New Road) and pavements will be maintained free of excessive dust and mud via wheel washers and water-assisted dust sweepers to prevent “track out” from vehicles. Wheel wash facilities will be appropriately contained to ensure that silt laden water will not reach surface water features. Rumble grids will be used to dislodge accumulated dust and mud prior to leaving the Site where reasonably practicable; 9) Appropriate management plan (e.g., COSHH plans) for polluting substances that are being brought on Site and used as part of the construction process. The CEMP will also describe the procedures in the event of an environmental emergency such as a fuel or chemical spillage; 10) Appropriate management of sediments in surface water runoff generated in construction area and laydowns; 11) Procedures will be put in place in the case of accidental leakage and / or spillage incidents of oils / hazardous substances including the provision of appropriate spill containment and clean up materials; 12) Hydrocarbon interceptors will be incorporated into the Site drainage system at high risk areas, such as parking, unloading and refuelling areas, to remove hydrocarbons and oils from surface water prior to discharge;	para 11.10.3 (APP-047) ES Chapter 12 (Water Environment) - para 12.10.17 - 12.10.25 (APP-048) ES Chapter 6 (Air Quality) - para 6.10.3 (APP-042) ES Chapter 5 (Traffic and Transport) - para 5.9.17 (APP-041) ES Appendix 5.1 (Outline Construction Traffic Management Plan) - para 3.2.1 (REP2-028) ES Appendix 5.2 (Framework Construction Worker Travel Plan) - para 3.5.1 - 3.5.4 (REP2-030) ES Appendix 6.2 (Construction and Decommissioning Dust Assessment) - para 1.3.1 (APP-126) Outline Landscape and Biodiversity Strategy (OLBS) - para 1.4.4, 3.2.2, 3.2.5 – 3.2.7, 3.2.9 (REP5-013)				
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	13)All fuel, oil and chemicals will be stored in a designated secure area, with secondary containment provided; 14)All refuelling will be supervised and carried out in a designated area with appropriate cut-off drainage and located away from watercourses; 15)Construction method statements and work instructions will be produced that include instructions on dealing with adverse weather conditions, including snow and ice, and environmental incidents and complaints; 16)Vegetation will only be removed when necessary and gradients kept as shallow as possible to prevent large amounts of earth being washed away during periods of heavy rainfall; 17)Areas of ground that have been exposed will be reseeded or surfaced as soon as practicable; 18)Surface water run-off and excavation dewatering will be captured and settled out prior to disposal. Any contaminants will be removed prior to disposal; 19)Construction compounds and laydown areas will be surrounded by hoardings to reduce impacts on sensitive receptors due to the construction activities. The hoardings will create an orderly appearance to the edge of the Site and will be a minimum of 2.4 m high, and will be maintained in good condition for the duration of the relevant construction/decommissioning activity. Solid hoardings will be provided on the eastern, northern, and southern boundaries of the East Construction Laydown Area. They will also be provided around the western, northern, and eastern boundaries of the Woodyard, Drax Power Station Site and Construction Laydown Area; 20)If the Carbon Dioxide Delivery Terminal Compound is constructed as part of the Proposed Scheme, it will be fenced by using minimum 2.4 m high hoarding, if screening of this is not achieved by the proposed hoarding around the Woodyard, Drax Power Station Site and Construction Laydown Area; and 21)Trees and their roots that are within or enter the construction areas, amenity planting and natural habitats will be identified through an existing vegetation survey and method statement in accordance with British Standard (BS) 5837:2012 trees in relation to design, demolition and construction, and subsequently protected in accordance with BS5837:2012 Trees in relation to design, demolition and construction, and the National Joint Utilities Group (NJUG) Guidelines for the Planning, Installation and Maintenance of Utility Apparatus in Proximity to Trees. Fencing will be erected prior to construction activities and will remain in place for the entire construction period. 22)Working areas for demolition and construction activities will be offset by five metres from existing and retained landscape features and associated habitats (where they fall within or adjacent to the Order Limits) to minimise the risk of accidental damage. This will include offsets to hedgerows, woodland and existing ditches (where these are not Internal Drainage Board (IDB) drains) and buildings to allow maintenance access. 23)Selby IDB require a 7 m offset from the landward toe of the ditch for maintenance of all IDB drains. All woody planting in proximity to IDB drains	Following consideration of Relevant Representation and for consistency with Drax Re-Power, where this was agreed. Requested by the EA during Pre-Examination				
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	such as hedgerows and trees will be planted outside of this 7 m offset where this is in proximity to an IDB drain. Planting near drains will be undertaken by workers on foot or by small agricultural machinery with the planting undertaken by hand. 24) Details of precautionary working methods, ecological supervision including toolbox talks, sensitive site and vegetation clearance strategies and associated method statements, will be included in the CEMP for the Proposed Scheme.					
G6	The current environmental management system (EMS), which is certified to ISO14001, will be updated to incorporate any new procedures and update current procedures in order to control environmental impacts as a result of the operation of the Proposed Scheme. Drax Power Station Site will update (prior to construction / operation, as appropriate) operational control procedures, Environment Management System and Drax Management Instructions to incorporate the additional risks and requirements of the Proposed Scheme including, but not limited to: 1) Ensuring safe operation of the site and the ability to safely shut down and evacuate the site, if required. 2) Monitoring of the climate risks and impacts to ensure that the Proposed Development can continue to be resilient to climate change. 3) Operational maintenance / improvements to address climate vulnerability as required.	ES Chapter 12 (Water Environment) - para 12.10.33 (APP-048) ES Appendix 12.3 (Existing Drainage Systems and Proposed Surface Water Drainage Strategy) - para 6.4.3 (REP2-043) ES Appendix 14.1 (Primary Mitigation and Preliminary Assessment of Likely Significant Effects) - Table 1.1 (APP-166)	Operation	Environmental Permit	Environmental Permit variation approved by the Environment Agency. Records of updates to operational control procedures, Environment Management System and Drax Management Instructions.	The Applicant
G7	A Draft Lighting Strategy has been produced which outlines the mitigation measures for the Proposed Scheme; for construction these measures will be included in the CEMP and will include the following: 1) The correct levels of lighting will be provided to ensure the safety of workers and other users of the site; 2) Construction lighting will be designed such that, where practicable, all luminaires are installed internal to the Site (such as on the inside of hoarding where used) and are directed towards the working area; 3) Cranes, where required, may be lit for safety and lighting may be provided within buildings during internal fit-out activities. 4) The lighting will be operational only during construction works, except where lighting is required for out-of-hours security or safety reasons; and	ES Chapter 2 (Site and Project Description) - para 2.3.12 (APP-038) Draft Lighting Strategy - para 5.2.7 ES Chapter 9 (Landscape and Visual Amenity) - para 9.10.7 - 9.10.9 (APP-184)	Construction	DCO, Schedule 2, Requirement 14 (Construction Environmental Management Plan)	The construction lighting measures will be included in the CEMP which will be approved by the LPA.	Main Contractor

	5) Construction lighting will adhere to industry best practice, including guidance from industry bodies (such as the Construction Industry Research and Information Association (CIRIA)). CIRIA guidance, for example, notes that lighting on construction sites is typically required for security and safety, while at the same time being required to minimise impact on surrounding receptors.	Design Framework – para 4.1.27 (APP-195)				
G8	Landscape and Biodiversity Strategies (LBS) will be developed at the detailed design stage for the Proposed Scheme that will include the measures contained within the Outline Landscape and Biodiversity Strategy (document reference 6.6). The LBS will outline the key principles required to avoid, mitigate and compensate for effects on biodiversity and landscape. There will be a phased approach to the LBS as detailed design information comes forward. As required by Requirement 7 of the dDCO, the LBS for a particular phase or work number of the Proposed Scheme will be submitted to and approved by the LPA prior to work for that phase or work number commencing. Where planting and the creation of new habitats is undertaken the following principles will apply: 1) Measures for the retention of existing vegetation are detailed within the Outline Landscape and Biodiversity Plan (APP-180) and illustrated on Figure 3 (Vegetation Retention) (APP-183). Areas of existing amenity planting will be retained wherever practicable. Where the loss of such planting is unavoidable, (for example if planting obstructs the construction and maintenance of the Proposed Scheme) the detailed design will seek to reinstate those landscape elements that are temporarily lost, or to incorporate new amenity planting measures in-keeping with the original aspirations as set out within the Weddle Strategy for Drax Power Station, where reasonably practicable. 2) Consultation will take place pre-construction with NYC to agree the indicative planting palette including seed mixes and sourcing of material; 3) The soft landscaping palette for each area within the Order Limits and the Off-site Habitat Provision Area will be drawn from the species outlined in Tables 3.1 to 3.4 of the OLBS, and be informed by updated ecological walkovers, Weddle’s Landscape Management Report 1987 / Revised 1990, and consultation with NYC and Yorkshire Wildlife Trust. 4) All seed mixes and planting stock will be ordered as early as possible prior to planting, to ensure that the supply does not risk substitution; 5) All seed mixes and tree stock will be sourced from a specialist producer of British native plants; 6) Native trees and shrubs will be sourced from a supplier which follows the Forestry Commission’s Voluntary Identification Scheme for British Native trees and Shrubs; 7) Grassland wildflower mixes will be approved by Defra under the Seed (Registration, Licensing and Enforcement) (England) Regulations 2002;	ES Chapter 9 (Landscape and Visual Amenity)- para 9.10.12 and 9.10.19 (APP-045) ES Chapter 8 (Ecology) - para 8.10.16 - 8.10.19 (APP-044) Outline Landscape and Biodiversity Strategy (OLBS) – paras 3.3.4, 3.3.8, 3.3.56, 4.1.2, 4.1.4 and tables 3.1 to 3.4 (REP5-013) OLBS Figure 1 (APP-181) OLBS Figure 3 (APP-183)	Detailed Design Pre-construction Construction Operation	DCO, Schedule 2, Requirement 7 (Provision of Landscape and Biodiversity Mitigation and Enhancement) S106 Agreement (for areas outside of Order limits)	Detailed Design Landscape mitigation, planting and design will be carried out in line with the LBS, which will be developed in accordance with the OLBS, to be approved by the LPA.	Designer Main Contractor

	8) Terms of supply will include a condition that no part of the order shall be substituted with alternative species or of unapproved origin and that any change must be mutually agreed. 9) All landscape (hard and soft) and new habitat creation and enhancement works will be subject to a long term (30 year) management, maintenance and monitoring plan, detailed in the LBS, to ensure the full and successful establishment of the planting. The LBS will prescribe the maintenance regimes for all different landscape / habitats considering the aims, objectives and functions of each area of planting / habitat. The LBS will also set out proposals for monitoring the condition of landscape and habitat creation areas, to assess how these develop post-construction. 10) The LBS (in line with the OLBS) will prescribe the maintenance regimes for all different landscape planting and habitats considering the aims, objectives and functions of each area of planting / habitat, including delivering BNG aspirations for the Proposed Scheme. The LBS will also set out proposals for monitoring the condition of landscape and habitat creation areas, to assess how these develop post-construction. 11) If areas of planting are seen to be failing, soil samples will be taken to identify potential soil issues affecting plant health and soil remediation considered and / or alternative more suitable plants chosen to maintain proposed features. An approved contractor will undertake a number of operations including weed control, checking plants, pruning and replacement planting as well as watering. 12) For Work Nos. 1, 2 and 3, an indicative hard landscaping palette will be developed as part of the final strategies to promote a logical hierarchy of paving, boundary treatments and street furniture in order to create a clear character identity for site workers and visitors. The detailed design of hard-surfaced areas and drainage structures will seek to rationalise and form a logical design palette / hierarchy of materials.					
G19	A Decommissioning Environmental Management Plan will be implemented for the decommissioning phase of the Proposed Scheme. It will be produced in line with the relevant legislation in force at the time of cessation of operations and agreed with the Environment Agency as part of the Environmental Permit and site surrender process. Given that it is not currently possible to predict the activities that will be involved in this process, the principle of the measures that are detailed in this REAC that apply to pre-construction and construction stages of the Proposed Scheme will be considered in the production of the DEMP. The DEMP will be approved by the LPA prior to commencing decommissioning.	ES Chapter 2 (Site and Project Description) - para 2.5.6 (APP-038)	Decommissioning	DCO, Schedule 2, Requirement 18 (Decommissioning Environmental Management Plan)	The DEMP will be approved by the LPA.	Main Contractor
G20	The Applicant will commit to continuing discussions on the detailed design of the works to take place as part of planning application 22/01930/STPLF with the landowner, in relation to the OHL2 works, alongside ongoing discussions with the asset owner Northern Powergrid.	PCAR Table 6-2 (AS-045)	Construction	DCO, Schedule 2, Requirement 14 (Construction Environmental Management Plan)	The CEMP will be approved by the LPA.	Main Contractor

	accordance with the Traffic Signs Regulations and General Directions (Department for Transport, 2016). For temporary traffic management, the Traffic Signs Manual Chapter 8 (Department for Transport, 2009) will be followed. All proposed signage will be submitted to the Local Highway Authority and National Highways for approval before being placed on the highway; 5) The CTMP will be updated once the final route and logistics are confirmed following consultation for the transportation of AILs; 6) In order to facilitate the delivery of AILs, it will be the responsibility of the haulage company to contact and inform the following key stakeholders: a) Emergency services; b) Highway Authorities; c) Local residents; d) Local services, including bus services, refuse collections and regular goods deliveries; and e) Local councils. 7) The working areas for Work No. 8 will include sufficient space to enable vehicles to enter and exit each work area in a forward gear.					
T2	A Construction Worker Travel Plan (CWTP) will be produced for the Proposed Scheme which will include measures to minimise the traffic impacts associated with construction workers travelling to and from Drax Power Station. The following measures will be implemented for the Proposed Scheme: 1) A member of staff working for Drax will be appointed to the role of Travel Plan Coordinator (TPC) as part of their overall responsibilities. This will be a senior person within the organisation to demonstrate senior management buy in and leadership. They will be responsible for the delivery of the Action Plan (see Table 7.1, in Appendix 5.2 Outline Construction Worker Travel Plan (REP2-030)) along with senior management; 2) The TPC will be responsible for establishing and coordinating a Travel Plan Steering Group (TPSG) with appropriate terms of reference. The TPSG will be focused on progressing implementation and delivery of the Travel Plan objectives and measures, as well as approval of monitoring and targets. A meeting frequency of every three months is suggested. The TPC will be responsible for producing a report and presentation reviewing the past 12 months, key achievements and way forward, to be shared with all parties; 3) Construction worker travel surveys will be used to gather information to assess which of the proposed measures are most effective. The TPC will work with senior management in order to ensure that as much information can be collated early on in the recruitment process; the overall aim here is to have a positive influence on construction worker travel pattern. Paragraph 7.4.5 of Appendix 5.2 provides some examples of the types of questions that will be asked in the survey;	ES Chapter 5 (Traffic and Transport) – para 5.10.3 (APP-041) ES Chapter 6 (Air Quality) – para 6.10.6 (APP-042) ES Appendix 5.2 (Framework Construction Worker Travel Plan) (REP2-030)	Pre-construction Construction	DCO, Schedule 2, Requirement 16 (Construction Worker Travel Plan)	The CWTP will be approved by the LPA. TPC and TPSG are responsible for monitoring and producing an annual report to be shared with all parties.	Main Contractor

	4) A strategy for the use of minibuses will be informed by the travel surveys undertaken by the TPC. Minibuses will be coordinated to manage demand at key locations such as Selby train station and local hotels. 5) A dedicated Travel Plan page will be added to the Drax BECCS project website and provide up to date travel plan information, links to transport resources and public transport information and relevant travel policies. The website will serve as a central point for the most up to date travel regulations and advice; 6) Key information and travel options available will be explained to construction workers during their induction, and any contractual requirements will also be communicated at this stage; 7) Sustained and targeted marketing of car sharing and group travel will be delivered before and during the construction phase in order to ensure that construction workers have a good understanding of the CWTP including the objectives, sustainable travel measures, and there role and responsibilities in minimising the effects of the construction phase; 8) In order to achieve the vehicle occupancy targets for daily car journeys in the construction phase, the construction site will have a capped number of parking spaces, at no more than 450 spaces. A car parking management scheme will be implemented which provides favourable parking locations for those that travel to the Site with two or more passengers; this will discourage single vehicle occupancy where possible. In addition, a car parking management strategy will be developed by the TPC, and agreed by senior management and the local planning authority prior to the construction period; 9) The Applicant will provide electric vehicle charge points and the TPC will ensure all charge points are maintained and in working order. Details on the number and location of the charge points will be agreed with the Local Highway Authority. 10)A construction worker registration process will be integrated into the induction process to ensure that all construction workers are registered on a car sharing database and encouraged to assess car sharing to site with other construction workers, either by private car or contractor minibuses; 11)In conjunction with the preferential parking offering, those who car share will also benefit from financial savings which will be actively promoted to construction workers; 12)Shower and changing facilities will be provided for construction workers, including lockers for personal storage equipment and heated drying areas for clothing; 13)To reduce trips off-site, a mess facility will be provided which will be open to all staff to use; 14)Convenient, sheltered, well-lit and secure parking provision will be made available for cycle and motorcycles. Additional cycle or motorcycle parking provision will be provided as needed by construction workers and identified through monitoring of this CWTP. To assist cyclists with bike repairs, a					
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	dedicated bike maintenance facility will be provided close to the parking shelters; 15) Senior management working at, or visiting, the Site who are not part of the construction workforce, should demonstrate a high level of commitment to the CWTP, and follow the same rules and policies to lead by example and encourage wider engagement in the programme; and 16) National Highways have requested the monitoring of construction traffic. The TPC and senior management will agree the arrangements for the monitoring of construction traffic with National Highways and review the data at the proposed TPSG to understand and agree if additional measures are required to support the management of the construction phase traffic impacts. 17) In the unlikely event that a peak outage period is planned to overlap with the peak period of construction of the Proposed Scheme, the Applicant will draw upon the travel planning measures contained within the CWTP for the Proposed Scheme.					
T3	A Decommissioning Traffic Management Plan (DTMP) will be provided prior to decommissioning to reflect the changes in transport patterns and travel demand at the time of decommissioning.	ES Chapter 5 (Traffic and Transport)– para 5.1.7 (APP-041) ES Appendix 5.2 (Framework Construction Worker Travel Plan) – para 3.6.3 (REP2-030)	Decommissioning	DCO, Schedule 2, Requirement 19 (Decommissioning Traffic Management Plan)	The DTMP will be approved by the LPA.	Main Contractor
T4	Work Nos. 7 and 8 will be programmed outside the peak construction periods.	PCAR Tables 5-2 & 6-2 (AS-045)	Construction	DCO, Schedule 2 Requirement 15 (Construction Traffic Management Plan)	The CTMP will be approved by the LPA.	Main Contractor
T5	Public Right of Way (ProW) AIRMF03 is located adjacent to the Order Limits for the Work No.8 but sits just outside the Order Limits. Any works for the OHL will be fenced off to ensure the safety of all users of ProW AIRMF03, however, given the proximity of the ProW to the fencing, and the lack of any delineating features to guide the public along the definitive route of the ProW, powers for a temporary diversion of a short section of the ProW have been included in the DCO, to ensure interference with the fencing is avoided. The Applicant will seek to avoid diverting the footpath if at all possible. The position, and details of the management measures put in place, will be set out in the CTMP.	ES Appendix 5.1 (Outline Construction Traffic Management Plan) (REP2-028) Access and Rights of Way Plans (REP2-005)	Construction	DCO, Schedule 2 Requirement 15 (Construction Traffic Management Plan)	The CTMP will be approved by the LPA.	Main Contractor
Chapter 6 (Air Quality)						

	13) Drop heights from loading or handling equipment will be minimised and fine water sprays used on such equipment as appropriate; 14) Vehicles entering and leaving the Site will be covered to prevent escape of materials during transport; 15) Enclosed chutes and conveyors and covered skips will be used; 16) It will be ensured that equipment is readily available on site to clean any dry spillages, and clean up spillages as soon as reasonably practicable after the event using wet cleaning methods; 17) Bonfires or burning of waste materials will be prohibited; 18) Use water-assisted dust sweeper(s) on the access and local roads, to remove, as necessary, any material tracked out of the site. This may require the sweeper being in frequent use; 19) Avoid dry sweeping of large areas; and 20) Access gates will be located at least 10 m from sensitive receptors.					
AQ2	Operational changes to the Main Stack emissions parameters will include: 1) Reducing SO₂ emissions by 40%, applied to the BECCS Biomass Units; and 2) Increasing exit temperature of flue gases from the BECCS Units from 80°C to 103°C.	ES Chapter 6 (Air Quality) – para 6.10.8 (APP-042) ES Chapter 8 (Ecology) – para 8.10.11 (APP-044)	Operation	Environmental Permit	Environmental Permit variation approved by the Environment Agency.	The Applicant
Chapter 7 (Noise and Vibration)						

NV1	Once details of the new equipment are known, and before the operation of the Proposed Scheme commences, a noise mitigation scheme will be submitted to the LPA to demonstrate via noise modelling that the rating noise levels for normal mode of operation predicted at 1m from the façade of noise sensitive receptors will not exceed the following values in the following table: <table border="1" data-bbox="320 373 1389 1045"> <thead> <tr> <th>Receptor</th><th>Easting</th><th>Northing</th><th>Rating Level, L_{Ar,Tr} dB</th></tr> </thead> <tbody> <tr><td>R1, Wren Hall</td><td>467273.9</td><td>427168.2</td><td>30</td></tr> <tr><td>R2, Long Drax</td><td>468163.8</td><td>428107.5</td><td>25</td></tr> <tr><td>R3, Old Lodge</td><td>467515.8</td><td>428113.3</td><td>24</td></tr> <tr><td>R4, Drax Abbey Farm</td><td>467042.9</td><td>428281.2</td><td>26</td></tr> <tr><td>R5, Foreman's Cottage</td><td>466842.8</td><td>428479.7</td><td>26</td></tr> <tr><td>R6, 2 Forest Grove Barlow</td><td>465213.8</td><td>428417.7</td><td>34</td></tr> <tr><td>R7, Brigg Lane</td><td>465054.1</td><td>426248.0</td><td>33</td></tr> <tr><td>R8, Station Cottage</td><td>466671.9</td><td>426399.0</td><td>23</td></tr> <tr><td>R9, Briden Bungalow</td><td>467759.4</td><td>426857.7</td><td>27</td></tr> <tr><td>R10, Weston House</td><td>466922.8</td><td>426331.1</td><td>24</td></tr> <tr><td>R11, Rose Cottage</td><td>468427.5</td><td>426135.4</td><td>24</td></tr> <tr><td>R12, Brigg Farm Court</td><td>465207.2</td><td>426066.8</td><td>24</td></tr> <tr><td>R13, Camela House</td><td>464868.2</td><td>426604.7</td><td>36</td></tr> <tr><td>R14, Low Farm</td><td>464211.5</td><td>427351.1</td><td>35</td></tr> </tbody> </table> The assumed noise levels presented in the table below, or a similar configuration of values as appropriate to comply with the DCO requirement on operational noise, will be achieved, with the levels to be defined during detailed design.: <table border="1" data-bbox="338 1197 1294 1585"> <thead> <tr> <th>Plant</th><th>Location</th><th>Noise Level L_{Aeq,T} dB(A)</th></tr> </thead> <tbody> <tr> <td>Flue Gas Booster Fans</td><td>5 m from equipment</td><td>69</td></tr> <tr> <td>Carbon Dioxide Compressor Buildings</td><td>5 m from building</td><td>53</td></tr> <tr> <td>Pumps</td><td>1 m from each pump</td><td>80</td></tr> <tr> <td>Combined Power Turbine Buildings</td><td>5 m from building</td><td>63</td></tr> </tbody> </table>	Receptor	Easting	Northing	Rating Level, L _{Ar,Tr} dB	R1, Wren Hall	467273.9	427168.2	30	R2, Long Drax	468163.8	428107.5	25	R3, Old Lodge	467515.8	428113.3	24	R4, Drax Abbey Farm	467042.9	428281.2	26	R5, Foreman's Cottage	466842.8	428479.7	26	R6, 2 Forest Grove Barlow	465213.8	428417.7	34	R7, Brigg Lane	465054.1	426248.0	33	R8, Station Cottage	466671.9	426399.0	23	R9, Briden Bungalow	467759.4	426857.7	27	R10, Weston House	466922.8	426331.1	24	R11, Rose Cottage	468427.5	426135.4	24	R12, Brigg Farm Court	465207.2	426066.8	24	R13, Camela House	464868.2	426604.7	36	R14, Low Farm	464211.5	427351.1	35	Plant	Location	Noise Level L _{Aeq,T} dB(A)	Flue Gas Booster Fans	5 m from equipment	69	Carbon Dioxide Compressor Buildings	5 m from building	53	Pumps	1 m from each pump	80	Combined Power Turbine Buildings	5 m from building	63	ES Chapter 7 (Noise and Vibration) – para 7.5.51 to 7.5.53 and Tables 7.14, 7.25 and 7.26 (APP-043)	Pre-Operation	DCO, Schedule 2, Requirement 17 (Control of Noise during Operation)	Noise Mitigation Scheme including noise modelling outputs to be submitted to the LPA. Reporting of the noise levels at each of the sensitive receptors.	The Applicant
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	2) Construction plant will be maintained in good condition with regards to reducing noise output; and 3) Design and use of Site hoardings and screens, where necessary, to provide acoustic screening at the earliest opportunity. Gates to the Site will not be located opposite buildings containing noise sensitive receptors.					
NV3	The following noise monitoring will be carried out for the Proposed Scheme: 1) Noise monitoring during the construction phase, which will be included within the CEMP, at locations representative of sensitive receptors R1, R4 and R13, shown in Figure 7.1 (Baseline Noise Survey and Sensitive Receptor Locations) (APP-089), to demonstrate that the noise levels do not exceed the SOAEL for construction; and 2) Noise monitoring during commissioning within short distance to the main operational post combustion technology, namely, compressors, pumps, pumps and flue gas blowers, to verify the mitigated predicted noise levels shown in Appendix 7.2 (Operational Noise Assessment Assumptions) (APP-131).	ES Chapter 7 (Noise and Vibration) – para 7.14.1 (APP-043) ES Figure 7.1 (Baseline Noise Survey and Sensitive Receptor Locations) (REP2-025) ES Appendix 7.2 (Operational Noise Assumptions) (APP-131)	Construction Operation	Noise monitoring secured through DCO, Schedule 2, Requirement 14 (Construction Environmental Management Plant)	Construction noise monitoring records demonstrating the noise levels do not exceed the SOAEL for construction. The CEMP will be approved by the LPA. Noise monitoring during commissioning verifying that noise levels are in accordance with the noise levels shown in NV1 .	Main Contractor The Applicant
Chapter 8 (Ecology)						
E1	Where existing mature vegetation will be avoided and retained, this is identified on the Landscape Mitigation Plan contained within the Outline Landscape and Biodiversity Strategy (OLBS) (APP-180).	ES Chapter 9 (Landscape and Visual Impact) – para 9.10.13 (a) (APP-045) OLBS Figure 1 (Landscape and Biodiversity Mitigation Plan) (APP-181) Design Framework – para	Pre-construction Construction Decommissioning	DCO, Schedule 2, Requirement 7 (Provision of Landscape and Biodiversity Mitigation and Enhancement) S106 Agreement (outside of Order limits)	Landscape mitigation and planting will occur in line with the LBS to be approved by the LPA.	Main Contractor

		4.2.13-4.2.15 (APP-195)				
E2	Bats Compensatory habitat will be provided for bats (refer to Outline Landscape and Biodiversity Strategy (APP-180)) and will include: 1) Additional trees and hedgerows within the East Construction Laydown Area; 2) Provision of scrub, waterbodies and other suitable habitats for foraging and commuting bats within the Habitat Provision Area; 3) Reinstatement and strengthening of potential bat commuting routes through the local landscape including within the Habitat Provision Area and border habitats within the East Construction Laydown Area; and 4) Provision of new woodland, scrub, grassland and hedgerows within the Habitat Provision Area.	ES Chapter 8 (Ecology) – para 8.10.20 – 8.10.21 OLBS – Section 3 (REP5-013) OLBS Figure 1 (Landscape and Biodiversity Mitigation Plan) (APP-181)	Construction Operation	DCO, Schedule 2, Requirement 7 (Provision of Landscape and Biodiversity Mitigation and Enhancement) (in Order limits) S106 Agreement (outside of Order limits)	Landscape mitigation, planting and design will be carried out in line with the LBS, which will be developed in accordance with the OLBS, to be approved by the LPA. Section 106 will require approval of details of Off-site Provision area and any reporting requirements.	Main Contractor The Applicant
E3	Badgers A pre-construction badger survey will be carried out at least seven months in advance of site clearance in areas of potential badger habitat commencing to ensure any new information is obtained. A further survey will be completed one week prior to site clearance commencing. These surveys will reconfirm levels of badger activity in advance of site clearance commencing and will determine whether a badger licence will need to be obtained from Natural England. This licence will include any additional mitigation required, in the unlikely event that levels of activity have increased or locations have changed in the six months prior to site work commencing.	ES Chapter 8 (Ecology) - para 8.10.23 (APP-044)	Pre-construction Construction	DCO, Schedule 2, Requirement 14 (Construction Environmental Management Plan) in respect of surveys Badger Licence obtained from Natural England, if required. S106 Agreement (in respect of any badger mitigation in the CEMP outside of Order limits)	Pre-construction badger surveys and site clearance will be carried out under a Precautionary Method of Works (PMoW), secured via a CEMP. The CEMP will be approved by the LPA. Badger Licence obtained from Natural	Main Contractor

		OLBS Figure 3 (Existing Retained Vegetation) (APP-183)		Requirement 7 and S106 Agreement (for site clearance during construction outside of Order limits)	(PmoW), secured via a CEMP. The CEMP will be approved by the LPA.	
E8	Reptiles The proposals for reinstatement, enhancement and provision of compensatory habitat as set out in the Outline Landscape and Biodiversity Strategy , will provide replacement habitat for local reptile populations, which will include: 1) Enhancement of field margins around the East Construction Laydown Area; 2) Creation of a waterbody, species rich grassland and scrub within the Habitat Provision Area; and 3) Provision of new and enhanced woodland, scrub and species-rich grasslands within the Off-Site Habitat Provision Area.	ES Chapter 8 (Ecology) - para 8.10.37 (APP-044) OLBS - Section 3.3 (REP5-013) OLBS Figure 1 (Landscape and Biodiversity Mitigation Plan) (APP-181)	Construction Operation	DCO, Schedule 2, Requirement 7 (Provision of Landscape and Biodiversity Mitigation and Enhancement) Requirement 7 and S106 Agreement (in respect of any reptile mitigation outside of Order limits)	Landscape mitigation, planting and design will be carried out in line with the LBS, which will be developed in accordance with the OLBS, to be approved by the LPA. Section 106 will require approval of details of Off-site Provision area and any reporting requirements.	Main Contractor
E9	Great Crested Newts A District Level Licence will be secured to implement strategic mitigation for great crested newts within Selby. This will address the effects of the Proposed Scheme on great crested newt habitats.	ES Chapter 8 (Ecology) - para 8.10.39 (APP-044)	Pre-construction	District Level Licence	The District Level Licence already exists. Use of the Licence will be secured through an application to Natural England.	Main Contractor
E10	Terrestrial Invertebrates As terrestrial invertebrate habitat in the Woodyard will be lost permanently during the operational phase, the following methods will be used implemented to mitigate impacts on terrestrial invertebrates as set out in the Outline Landscape and Biodiversity Strategy (APP-180).	ES Chapter 8 (Ecology) - para 8.10.40 (APP-044) OLBS - Section 3 (REP5-013)	Construction Operation	DCO, Schedule 2, Requirement 7 (Provision of Landscape and Biodiversity)	Landscape mitigation, planting and design will be carried out in line with the	Main Contractor The Applicant

	Habitat creation in the Off-Site Habitat Provision Area will include suitable habitat features for a range of terrestrial invertebrate species, including those recorded during the terrestrial invertebrate surveys of the Woodyard. Habitat compensation for terrestrial invertebrates using habitat features from the existing Woodyard will be used to create new habitat within the Order Limits in the Habitat Provision Area and the Off-Site Habitat Provision Area.	OLBS Figure 1 (Landscape and Biodiversity Mitigation Plan) (APP-181)		Mitigation and Enhancement) S106 Agreement (in respect of terrestrial invertebrate mitigation outside of Order limits)	LBS, which will be developed in accordance with the OLBS, to be approved by the LPA.. Section 106 will require approval of details of Off-site Provision area and any reporting requirements.	
E11	Vascular Plants Mitigation for the green-winged orchids will include the translocation of individual orchids to a receptor site (provisionally located within Fallow Field in the Off-site Habitat Provision Area). The receptor site will be prepared with translocated soils from the Woodyard. Individual orchids will be carefully removed from the existing site and replanted at the receptor site. The details of the orchid translocation will be included in the LBS.	ES Chapter 8 (Ecology) - para 8.10.42 and 8.10.43 (APP-044) OLBS - para 3.3.44 - 3.3.46 (REP5-013)	Pre-construction	DCO, Schedule 2, Requirement 7 (Provision of Landscape and Biodiversity Mitigation and Enhancement) to secure methodology through LBS (in Order limits) S106 Agreement to secure land delivery (outside of Order limits)	Landscape mitigation, planting and design will be carried out in line with the LBS, which will be developed in accordance with the OLBS, to be approved by the LPA. Section 106 will require approval of details of Off-site Provision area and any reporting requirements.	The Applicant
E12	An invasive species strategy will be produced and included within the CEMP which will address the risk of spreading invasive non-native species. This will apply to areas where invasive species are recorded.	ES Chapter 8 (Ecology) - para 8.10.45 - 8.10.47 (APP-044) OLBS - para 3.3.48 (REP5-013)	Pre-construction Construction	DCO, Schedule 2, Requirement 14 (Construction Environmental Management Plan)	The CEMP will be approved by the LPA.	Main Contractor

	areas will be collected into the oil water drain pit and transferred to the existing oily wastewater system.	para 12.10.6 (APP-048)		Drainage)Environmental Permit	Approval of SWDS by the LPA, in consultation with LLFA, EA and IDBs. Approval under EPR by the EA as part of permit variation.	
WE3	Rich Solvent / Lean Solvent Heat Exchangers will be individually bunded. The bunds will be designed in accordance with the COSHH / COMAH / HSE guidance / GPP requirements at the detailed design stage.	ES Chapter 12 (Water Environment) – para 12.10.7 (APP-048)	Detailed Design	DCO, Schedule 2, Requirement 10 (Surface Water Drainage) Environmental Permit	Detailed Design This will be recorded on as built drawings. Approval of SWDS by the LPA, in consultation with LLFA, EA and IDBs. Approval under EPR by the EA as part of permit variation.	Designer
WE4	Tanker / chemical unloading bays dependant on risk / impact will either be designed as fully bunded areas or with suitable protection measures to prevent any spillages to Drax Power Station on-site surface water drainage systems. The bunds, if required, will be designed in accordance with the COSHH / COMAH / HSE guidance / GPPs requirements at detailed design stage.	ES Chapter 12 (Water Environment) - para 12.10.8 (APP-048)	Detailed Design	DCO, Schedule 2, Requirement 10 (Surface Water Drainage) Environmental Permit	This will be recorded on as built drawings Approval of SWDS by the LPA, in consultation with LLFA, EA and IDBs. Approval under EPR by the EA as part of permit variation.	Designer

				Environmental Management Plan)		
PH4	The existing accesses to properties and land that are required to be utilised for Work No. 8 will be maintained or reinstated to their current condition. If any damage is caused to existing accesses arising from the works to carry out Work No. 8, appropriate repairs will be undertaken.	PCAR Table 6-2 (AS-045)	Construction	DCO, Schedule 2, Requirement 14 (Construction Environmental Management Plan)	The CEMP will be approved by the LPA	Main Contractor

APPENDICES

APPENDIX A - CEMP WATERCOURSE POLLUTION PREVENTION PLAN
