

#### ENVIRONMENTAL STATEMENT: 6.3 APPENDIX 2-1: PERMITTED PRELIMINARY WORKS

DECARBONISATION

#### **Cory Decarbonisation Project** PINS Reference: EN010128

March 2024

January 2025

Revision AB

The Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations (2009) - Regulation 5(2)(a)



#### **QUALITY CONTROL**

| Document<br>Reference |                               | Environmental Statement: 6.3 Appendix 2-1: Permitted<br>Preliminary Works                   |                     |                |           |  |  |  |
|-----------------------|-------------------------------|---|---------------------|----------------|-----------|--|--|--|
| Document Owner        |                               | Cory Environmer   | ntal Holdings Limit | ed             |           |  |  |  |
| <u>Revision</u>       | <u>Date</u>                   | <u>Comments</u>   | <u>Author</u>       | Author Check A |           |  |  |  |
| RevisionMarchA2024    |                               | For DCO<br>Application  | <u>DR</u>           | <u>SH</u>      | <u>JW</u> |  |  |  |
| Revision<br><u>B</u>  | <u>January</u><br><u>2025</u> | Update to align<br>with Outline<br>LaBARDS and<br>revised Water<br>Vole Method<br>Statement | <u>SH</u>           | <u>JW</u>      | <u>RW</u> |  |  |  |



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#### **APPENDIX 2-1: PERMITTED PRELIMINARY WORKS**

Table 1: Permitted Preliminary Works Mitigation (applicable items from the Outline CoCP (Document Reference 7.4))

| Topic       | Archaeological Surveys<br>and Investigations   | Environmental<br>Surveys and<br>Monitoring | Establishment of<br>Temporary<br>Construction<br>Compounds (including<br><u>site clearance (not</u><br><u>including vegetation</u><br><u>clearance)</u> car parks<br>and Welfare<br>Facilities) <sup>a</sup> | Investigations<br>for the<br>Purpose of<br>Assessing<br>and<br>Monitoring<br>Ground<br>Conditions<br>and Levels<br>(marine and<br>terrestrial) <sup>b</sup> | Pre-Construction<br>Ecological<br>Mitigation<br>(including<br>vegetation<br>clearance) <sup>2</sup> | Erection of<br>Site Fencing | Temporary Display of Site<br>Notices or<br>Advertisements | Utilities<br>Connections<br>and Site<br>Access<br>Works in the<br>Site<br>(excluding<br>the Norman<br>Road<br>Corridor) <sup>d</sup> | Utilities<br>Connections<br>and Site<br>Access<br>Works in the<br>Norman<br>Road<br>Corridor <sup>c</sup>   |
|-------------|--|--|--|---|---|-----------------------------|---|--|---|
| Air Quality | <ul> <li>Plan Site layout so<br/>that machinery and<br/>dust causing activities<br/>are located away from<br/>receptors, as far as<br/>possible.</li> <li>Site hoarding erected<br/>to minimise intrusion<br/>(including dust) from<br/>construction activities<br/>on PRoW.</li> <li>Erect solid screens or<br/>barriers around dusty<br/>activities or the Site<br/>Boundary that are at<br/>least as high as any<br/>stockpiles onsite.</li> <li>Fully enclose Site or<br/>specific operations<br/>where there is a high<br/>potential for dust<br/>production and the<br/>Site is active for an<br/>extensive period.</li> </ul> | N/A  | Refer to mitigation set ou   | t for Archaeologic  | al Investigations.  | N/A                         |   | Refer to<br>mitigation set<br>out for<br>Archaeological<br>Investigations.   | <ul> <li>Ensure all vehicles switch off engines when stationary – no idling vehicles.</li> <li>Ensure vehicles entering and leaving sites are covered to prevent escape of materials during transport.</li> <li>Use waterassisted dust sweeper(s) on the</li> </ul> |

<sup>&</sup>lt;sup>a</sup> This also includes receipt and erection of construction plant and equipment, erection of any temporary means of enclosure, provision of diversions and laying of underground apparatus.

 <sup>&</sup>lt;sup>b</sup> This also includes the making of trial boreholes.
 <sup>c</sup> This also includes the creation of new ditches and the enhancement of existing ditches associated with water vole mitigation.
 <sup>d</sup> This also includes the diversion of apparatus and services.

| Торіс | Archaeological Surveys<br>and Investigations   | Environmental<br>Surveys and<br>Monitoring | Establishment of<br>Temporary<br>Construction<br>Compounds (including<br><u>site clearance (not</u><br><u>including vegetation</u><br><u>clearance)</u> car parks<br>and Welfare<br>Facilities) <sup>a</sup> | Investigations<br>for the<br>Purpose of<br>Assessing<br>and<br>Monitoring<br>Ground<br>Conditions<br>and Levels<br>(marine and<br>terrestrial) <sup>b</sup> | Pre-Construction<br>Ecological<br>Mitigation<br>(including<br>vegetation<br>clearance) <sup>©</sup> | Erection of<br>Site Fencing | Temporary Display of Site<br>Notices or<br>Advertisements | Utilities<br>Connections<br>and Site<br>Access<br>Works in the<br>Site<br>(excluding<br>the Norman<br>Road<br>Corridor) <sup>d</sup> | Utilities<br>Connections<br>and Site<br>Access<br>Works in the<br>Norman<br>Road<br>Corridor <sup>c</sup>           |
|-------|--|--|--|---|---|-----------------------------|---|--|---|
|       | <ul> <li>Keep Site fencing,<br/>barriers and<br/>scaffolding clean using<br/>wet methods.</li> <li>Remove materials that<br/>have a potential to<br/>produce dust from Site<br/>as soon as possible,<br/>unless being re-used<br/>onsite. If they are<br/>being re-used onsite<br/>cover as described<br/>below.</li> <li>Cover, seed or fence<br/>stockpiles to prevent<br/>wind whipping.</li> <li>Hoardings, fencing,<br/>barriers and<br/>scaffolding will be<br/>regularly cleaned<br/>using wet methods.</li> <li>Ensure all vehicles<br/>switch off engines<br/>when stationary – no<br/>idling vehicles.</li> <li>Minimise the use of<br/>diesel or petrol<br/>powered generators<br/>and use mains<br/>electricity or battery<br/>powered equipment<br/>where practicable.</li> <li>Re-vegetate<br/>earthworks and</li> </ul> |  |  |   |   |                             |   |  | access<br>and local<br>roads to<br>remove,<br>as<br>necessary,<br>any<br>material<br>tracked<br>out of the<br>Site. |

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|-------|--|--|--|---|---|-----------------------------|---|--|---|
|       | <ul> <li>exposed areas/soil<br/>stockpiles to stabilise<br/>surfaces as soon as<br/>practicable.</li> <li>Use hessian, mulches<br/>or trackifiers where it<br/>is not possible to re-<br/>vegetate or cover with<br/>topsoil, as soon as is<br/>practicable. Only<br/>remove the cover in<br/>small areas during<br/>work and not all at<br/>once.</li> <li>During dry or windy<br/>weather, material<br/>stockpiles and<br/>exposed surfaces will<br/>be dampened down<br/>using a water spray to<br/>minimise the potential<br/>for wind pick-up.</li> <li>Ensure vehicles<br/>entering and leaving<br/>sites are covered to<br/>prevent escape of<br/>materials during<br/>transport.</li> <li>Use water-assisted<br/>dust sweeper(s) on<br/>the access and local<br/>roads to remove, as<br/>necessary, any<br/>material tracked out of<br/>the Site.</li> </ul> |  |  |   |   |                             |   |  |   |

| Topic                  | Archaeological Surveys<br>and Investigations   | Environmental<br>Surveys and<br>Monitoring | Establishment of<br>Temporary<br>Construction<br>Compounds (including<br><u>site clearance (not</u><br><u>including vegetation</u><br><u>clearance)</u> car parks<br>and Welfare<br>Facilities) <sup>a</sup> | Investigations<br>for the<br>Purpose of<br>Assessing<br>and<br>Monitoring<br>Ground<br>Conditions<br>and Levels<br>(marine and<br>terrestrial) <sup>b</sup> | Pre-Construction<br>Ecological<br>Mitigation<br>(including<br>vegetation<br>clearance) <sup>e</sup> | Erection of<br>Site Fencing | Temporary Display of Site<br>Notices or<br>Advertisements | Utilities<br>Connections<br>and Site<br>Access<br>Works in the<br>Site<br>(excluding<br>the Norman<br>Road<br>Corridor) <sup>d</sup> | Utilities<br>Connections<br>and Site<br>Access<br>Works in the<br>Norman<br>Road<br>Corridor <sup>c</sup> |
|------------------------|--|--|--|---|---|-----------------------------|---|--|---|
|                        | <ul> <li>Install hard surfaces<br/>haul routes which are<br/>regularly damped<br/>down and cleaned.</li> <li>Inspect onsite haul<br/>routes for integrity and<br/>instigate necessary<br/>repairs as soon as<br/>practicable. Record all<br/>haul route inspections<br/>and subsequent<br/>actions in a logbook.</li> </ul>  |  |  |   |   |                             |   |  |   |
| Noise and<br>Vibration | <ul> <li>The adoption of Best<br/>Practicable Means<br/>(BPM), as defined in<br/>the Control of Pollution<br/>Act 1974.</li> <li>Standard working<br/>hours during the<br/>construction phase for<br/>the landside activities<br/>will be Monday to<br/>Friday 07:00 to 19:00.<br/>On Saturdays,<br/>standard working<br/>hours will be 07:00 to<br/>13:00. No<br/>construction work will<br/>be undertaken on<br/>Sundays or Bank<br/>Holidays. The working<br/>hours do not apply to<br/>construction works</li> </ul> | N/A  | Refer to mitigation set out  | t for Archaeologic  | al Investigations.  |                             | N/A   | Refer to<br>mitigation set<br>out for<br>Archaeological<br>Investigations.   | N/A   |

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|-------|--|--|--|---|---|-----------------------------|---|--|---|
|       | <ul> <li>where these are (a)<br/>are carried out within<br/>existing buildings or<br/>buildings constructed<br/>as part of the<br/>Proposed Scheme;</li> <li>(b) are carried out<br/>with the prior approval<br/>of the relevant<br/>planning authority; or</li> <li>(c) are associated<br/>with an emergency.<br/>Marine construction<br/>activities will take<br/>place 24 hours and 7<br/>days a week.</li> <li>Selection of quiet and<br/>low noise/vibration<br/>equipment and<br/>methodologies, where<br/>practicable.</li> <li>Optimal location of<br/>acoustic screening to<br/>minimise adverse<br/>noise effects.</li> <li>Optimal location of<br/>equipment onsite to<br/>minimise<br/>noise/vibration<br/>disturbance.</li> <li>The provision of<br/>acoustic enclosures</li> </ul> |  |  |   |   |                             |   |  |   |

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|-----------------------------|---|--|--|---|---|---|---|--|---|
|                             | <ul> <li>around static plant,<br/>where necessary.</li> <li>The duration of any<br/>works within 180m of<br/>the receptors<br/>(including residential<br/>properties, hospitality<br/>facilities, users of<br/>PRoW and Accessible<br/>Open Land) will be<br/>limited to less than 10<br/>or more days or nights<br/>in any 15 consecutive<br/>days or nights and a<br/>total number of days<br/>exceeding 40 in any<br/>six consecutive<br/>months.</li> </ul> |  |  |   |   |   |   |  |   |
| Terrestrial<br>Biodiversity | <ul> <li>Measures to reduce<br/>emissions from idling<br/>vehicles, such as<br/>switching engines off<br/>when stationary.</li> <li>Timing of works to<br/>avoid sensitive periods<br/>for particular species,<br/>such as avoidance of<br/>the bird nesting<br/>season for habitat<br/>clearance, and the<br/>migration periods for<br/>sensitive freshwater<br/>fish species.</li> </ul>  | N/A  | <ul> <li>Measures to reduce<br/>emissions from idling<br/>vehicles, such as<br/>switching engines off<br/>when stationary.</li> <li>Timing of works to<br/>avoid sensitive<br/>periods for particular<br/>species, such as<br/>avoidance of the bird<br/>nesting season for<br/>habitat clearance,<br/>and the migration<br/>periods for sensitive<br/>freshwater fish<br/>species.</li> </ul> | <ul> <li>Measures<br/>to reduce<br/>emissions<br/>from idling<br/>vehicles,<br/>such as<br/>switching<br/>engines off<br/>when<br/>stationary.</li> <li>Timing of<br/>works to<br/>avoid<br/>sensitive<br/>periods for<br/>particular<br/>species,</li> </ul> | <ul> <li>Measures to<br/>reduce<br/>emissions from<br/>idling vehicles,<br/>such as<br/>switching<br/>engines off<br/>when<br/>stationary.</li> <li>Timing of<br/>works to avoid<br/>sensitive<br/>periods for<br/>particular<br/>species, such<br/>as avoidance<br/>of the bird</li> </ul> | <ul> <li>Measures<br/>to reduce<br/>emissions<br/>from idling<br/>vehicles,<br/>such as<br/>switching<br/>engines<br/>off when<br/>stationary.</li> <li>Timing of<br/>works to<br/>avoid<br/>sensitive<br/>periods for<br/>particular<br/>species,</li> </ul> | N/A   | <ul> <li>Timing of<br/>works to<br/>avoid<br/>sensitive<br/>periods for<br/>particular<br/>species,<br/>such as<br/>avoidance<br/>of the bird<br/>nesting<br/>season for<br/>habitat<br/>clearance,<br/>and the<br/>migration<br/>periods for</li> </ul> | <ul> <li>Measures<br/>to reduce<br/>emissions<br/>from idling<br/>vehicles,<br/>such as<br/>switching<br/>engines off<br/>when<br/>stationary.</li> </ul> |

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|-------|--|--|--|---|--|--|---|---|---|
|       |  |  | <ul> <li>Water vole capture<br/>and captive<br/>breeding<br/>programme<br/>pursuant to a licence<br/>which will be<br/>obtained before<br/>these activities<br/>commence.</li> <li>Programme of water<br/>vole displacement<br/>into enhanced<br/>ditches within the<br/>Norman Road Field<br/>supported by the<br/>creation of new<br/>ditches, in<br/>accordance with the<br/>Outline LaBARDS.</li> <li>Reptile hand<br/>searching and<br/>movement from<br/>works areas to safe<br/>spaces within<br/>Crossness LNR.</li> </ul> | such as<br>avoidance<br>of the bird<br>nesting<br>season for<br>habitat<br>clearance,<br>and the<br>migration<br>periods for<br>sensitive<br>freshwater<br>fish<br>species. | nesting season<br>for habitat<br>clearance, and<br>the migration<br>periods for<br>sensitive<br>freshwater fish<br>species.<br>• Water vole<br>capture and<br>captive<br>breeding<br>programme<br>pursuant to a<br>licence which<br>will be<br>obtained<br>before these<br>activities<br>commence.<br>Programme of<br>water vole<br>displacement into<br>enhanced ditches<br>within the Norman<br>Road Field<br>supported by the<br>creation of new<br>ditches, in<br>accordance with<br>the Outline<br>LaBARDS.<br>• Reptile hand<br>searching and<br>movement from | such as<br>avoidance<br>of the bird<br>nesting<br>season for<br>habitat<br>clearance,<br>and the<br>migration<br>periods for<br>sensitive<br>freshwater<br>fish<br>species.<br>• Reptile<br>hand<br>searching<br>and<br>movement<br>from<br>works<br>areas to<br>safe<br>spaces<br>within<br>Crossness<br>LNR. |   | sensitive<br>freshwater<br>fish<br>species.<br>• Reptile<br>hand<br>searching<br>and<br>movement<br>from works<br>areas to<br>safe<br>spaces<br>within<br>Crossness<br>LNR. |   |

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|-------------------------|--|--|---|---|---|-----------------------------|---|--|---|
|                         |  |  |   |   | works areas to<br>safe spaces<br>within<br>Crossness<br>LNR.  |                             |   |  |   |
| Marine<br>Biodiversity  | N/A  |  | -<br>-  | periods for partic<br>as avoidance of   | to avoid sensitive<br>cular species, such<br>migration periods<br>species (April to                 | N/A                         | ·   |  |   |
| Historic<br>Environment | Mitigation measures as<br>secured by DCO<br>Requirement<br>Updated<br>Geoarchaeological<br>Deposit Model: Updated<br>deposit model to enhance<br>understanding of the<br>nature and extent of the<br>ancient land surfaces and<br>palaeoenvironment in<br>which humans lived.<br>Further surveys (non-<br>intrusive): Walkover<br>and/or non-intrusive<br>geophysical surveys of<br>the foreshore and<br>intertidal zone, via vessel<br>and/or unmanned aerial<br>vehicle (UAV). | N/A  | <ul> <li>Specific mitigation<br/>measures to be<br/>confirmed, following<br/>archaeological<br/>investigations, which<br/>would be confirmed<br/>pursuant to DCO<br/>Requirement. Mitigation<br/>could comprise:</li> <li>avoidance<br/>(preservation in-<br/>situ);</li> <li>targeted excavation<br/>(preservation by<br/>record); and/or</li> <li>watching brief<br/>(preservation by<br/>record).</li> </ul> | N/A   | Refer to mitigation<br>set out for<br>Establishment of<br>Temporary<br>Construction<br>Compounds.   | N/A                         |   | Refer to<br>mitigation set<br>out for<br>Establishment<br>of Temporary<br>Construction.  | N/A   |

| Refer to<br>mitigation set<br>out for<br>Establishment<br>of Temporary<br>Construction. | N/A |
|---|-----|

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|-------------------------|---|--|---|---|--|---|---|--|---|
|                         | Further surveys<br>(intrusive): Terrestrial<br>evaluation (if required<br>following<br>Geoarchaeological<br>Deposit Modelling in<br>consultation with GLAAS). |  |   |   |  |   |   |  |   |
| Townscape<br>and Visual | Work areas will be laid<br>out to minimise adverse<br>impacts arising from<br>temporary structures,<br>plant and lighting.                                    | N/A  | Activities will ensure that<br>when undertaking an<br>oversailing of land with<br>trees, the land will be<br>protected, and trees will<br>not be removed under<br>any circumstances.<br>Temporary protection of<br>vegetation, and other<br>vulnerable features to<br>be retained, would be<br>undertaken in<br>accordance with<br>prevailing best practice.<br>Construction areas will<br>be laid out to minimise<br>adverse impacts arising<br>from temporary<br>structures, construction<br>activities and lighting. | Work areas will<br>be laid out to<br>minimise<br>adverse<br>impacts arising<br>from temporary<br>structures,<br>plant and<br>lighting.                      | Activities will<br>ensure that when<br>undertaking an<br>oversailing of land<br>with trees, the land<br>will be protected,<br>and trees will not<br>be removed under<br>any<br>circumstances.<br>Temporary<br>protection of<br>vegetation, and<br>other vulnerable<br>features to be<br>retained, would be<br>undertaken in<br>accordance with<br>prevailing best<br>practice. | Tree<br>protection<br>fencing shall<br>be fit for the<br>purpose of<br>excluding<br>construction<br>activity and<br>appropriate<br>for the<br>degree and<br>proximity of<br>work taking<br>place. An<br>example of<br>the type of<br>tree<br>protection<br>fencing taken<br>from BS<br>5837:2012. | N/A   |  |   |
| Water<br>Environment    | Activities will be<br>undertaken in accordance  | N/A  | Activities will be<br>undertaken in   | Whilst monitoring   | Activities will be<br>undertaken in  | N/A   |   | Activities will<br>be undertaken   | N/A   |

| Торіс             | Archaeological Surveys<br>and Investigations  | Environmental<br>Surveys and<br>Monitoring | Establishment of<br>Temporary<br>Construction<br>Compounds (including<br><u>site clearance (not</u><br><u>including vegetation</u><br><u>clearance)</u> car parks<br>and Welfare<br>Facilities) <sup>a</sup>  | and<br>Monitoring<br>Ground<br>Conditions<br>and Levels<br>(marine and<br>terrestrial) <sup>b</sup>  | Pre-Construction<br>Ecological<br>Mitigation<br>(including<br>vegetation<br>clearance) <sup>©</sup>  | Erection of<br>Site Fencing | Temporary Display of Site<br>Notices or<br>Advertisements | Utilities<br>Connections<br>and Site<br>Access<br>Works in the<br>Site<br>(excluding<br>the Norman<br>Road<br>Corridor) <sup>d</sup>  | Utilities<br>Connections<br>and Site<br>Access<br>Works in the<br>Norman<br>Road<br>Corridor <sup>c</sup> |
|-------------------|---|--|---|--|--|-----------------------------|---|---|---|
| and Flood<br>Risk | with appropriate Good<br>Practice Guidance, such<br>as the Construction<br>Industry Research and<br>Information Association's<br>(CIRIA) control of water<br>pollution from<br>construction sites (C532)<br>and the Environment<br>Agency's Pollution<br>Prevention for<br>Businesses. Also,<br>Guidance for Pollution<br>Prevention (GPP), which<br>provide Good Practice<br>Guidance, particularly<br>PPG1 - General guide to<br>the prevention of water<br>pollution and GPP 5 -<br>Works and maintenance<br>in or near water. |  | accordance with<br>appropriate Good<br>Practice Guidance, such<br>as the CIRIA control of<br>water pollution from<br>construction sites<br>(C532) and the<br>Environment Agency's<br>Pollution Prevention for<br>Businesses. Also, GPP<br>which provide Good<br>Practice Guidance,<br>particularly PPG1 -<br>General guide to the<br>prevention of water<br>pollution; GPP 2 -<br>Above ground oil<br>storage tanks; GPP 5 -<br>Works and maintenance<br>in or near water; and<br>GPP 6 - Working at<br>construction and<br>demolition sites. A<br>construction phase<br>surface water drainage<br>plan would need to be in<br>place. | would be<br>carried out in<br>accordance<br>with the Piling<br>Risk<br>Assessment,<br>Materials<br>Management<br>Plan,<br>Earthworks<br>Specification<br>and/or<br>Remediation<br>Strategy (as<br>appropriate) no<br>further<br>monitoring of<br>ground<br>conditions and<br>soils effects is<br>considered to<br>be<br>proportionate<br>or to be<br>required. | accordance with<br>appropriate Good<br>Practice Guidance,<br>such as the CIRIA<br>control of water<br>pollution from<br>construction sites<br>(C532) and the<br>Environment<br>Agency's Pollution<br>Prevention for<br>Businesses. Also,<br>GPP, which<br>provide Good<br>Practice Guidance,<br>particularly PPG1 -<br>General guide to<br>the prevention of<br>water pollution and<br>GPP 5 - Works<br>and maintenance<br>in or near water.<br>Works to existing<br>ditches where they<br>constitute main<br>rivers will be<br>approved by the<br>EA pursuant to<br>their protective<br>provisions where<br>they apply. |                             |   | in accordance<br>with<br>appropriate<br>Good Practice<br>Guidance,<br>such as the<br>CIRIA control<br>of water<br>pollution from<br>construction<br>sites (C532)<br>and the<br>Environment<br>Agency's<br>Pollution<br>Prevention for<br>Businesses.<br>Also, GPP,<br>which provide<br>Good Practice<br>Guidance,<br>particularly<br>PPG1 -<br>General guide<br>to the<br>prevention of<br>water<br>pollution; GPP<br>2 - Above<br>ground oil<br>storage tanks; |   |

| Topic                 | Archaeological Surveys<br>and Investigations   | Environmental<br>Surveys and<br>Monitoring                                 | Establishment of<br>Temporary<br>Construction<br>Compounds (including<br><u>site clearance (not</u><br><u>including vegetation</u><br><u>clearance)</u> car parks<br>and Welfare<br>Facilities) <sup>a</sup>   | Investigations<br>for the<br>Purpose of<br>Assessing<br>and<br>Monitoring<br>Ground<br>Conditions<br>and Levels<br>(marine and<br>terrestrial) <sup>b</sup> | Pre-Construction<br>Ecological<br>Mitigation<br>(including<br>vegetation<br>clearance) <sup>©</sup>  | Erection of<br>Site Fencing | Temporary Display of Site<br>Notices or<br>Advertisements | Utilities<br>Connections<br>and Site<br>Access<br>Works in the<br>Site<br>(excluding<br>the Norman<br>Road<br>Corridor) <sup>d</sup> | Utilities<br>Connections<br>and Site<br>Access<br>Works in the<br>Norman<br>Road<br>Corridor <sup>c</sup> |
|-----------------------|--|--|--|---|--|-----------------------------|---|--|---|
|                       |  |  |  |   | For ditches that<br>are ordinary<br>watercourses, the<br>Applicant will seek<br>the approval of the<br>LLFA where an<br>ordinary<br>watercourse<br>consent would, but<br>for the DCO, have<br>been required. |                             |   | GPP 5 - Works<br>and<br>maintenance<br>in or near<br>water; and<br>GPP 6 -<br>Working at<br>construction<br>and demolition<br>sites. |   |
| Climate<br>Resilience | Activities will take account<br>of any forecast adverse or<br>extreme weather<br>conditions and be<br>planned appropriately. | Refer to<br>mitigation set<br>out for<br>Archaeological<br>Investigations. | The surface material of<br>construction compounds<br>will be permeable so as<br>to allow rainwater to<br>percolate to ground,<br>with suitably bunded<br>locations identified as<br>storage areas for any<br>hazardous, polluting<br>materials or chemicals<br>to prevent the risk of<br>pollution.<br>Construction activities<br>will be undertaken in<br>accordance with<br>appropriate Good | -   | on set out for Archaed   | blogical                    | N/A   | Refer to<br>mitigation set<br>out for<br>Establishment<br>of Temporary<br>Construction<br>Compounds.                                 | N/A   |

| Topic | Archaeological Surveys<br>and Investigations  | Environmental<br>Surveys and<br>Monitoring | Establishment of<br>Temporary<br>Construction<br>Compounds (including<br><u>site clearance (not</u><br><u>including vegetation</u><br><u>clearance)</u> car parks<br>and Welfare<br>Facilities) <sup>a</sup>  | Investigations<br>for the<br>Purpose of<br>Assessing<br>and<br>Monitoring<br>Ground<br>Conditions<br>and Levels<br>(marine and<br>terrestrial) <sup>b</sup> | Pre-Construction<br>Ecological<br>Mitigation<br>(including<br>vegetation<br>clearance) <sup>©</sup> | Erection of<br>Site Fencing | Temporary Display of Site<br>Notices or<br>Advertisements | Utilities<br>Connections<br>and Site<br>Access<br>Works in the<br>Site<br>(excluding<br>the Norman<br>Road<br>Corridor) <sup>d</sup> | Utilities<br>Connections<br>and Site<br>Access<br>Works in the<br>Norman<br>Road<br>Corridor <sup>c</sup> |
|-------|---|--|---|---|---|-----------------------------|---|--|---|
|       |   |  | Practice Guidance such<br>as the GPP.<br>Contractor(s) will need<br>to monitor the effects of<br>extreme weather-related<br>incidents (for example,<br>road surface<br>deformations, flooding,<br>storm damage and<br>debris, snow and ice<br>etc.) and identify any<br>maintenance measures<br>required. Inspections by<br>an appropriately<br>qualified professional<br>will be carried out<br>following an intense<br>rainfall event, heatwave,<br>high wind or storm event<br>to monitor any damage<br>and implement<br>appropriate mitigation<br>as necessary. |   |   |                             |   |  |   |
| GHG   | Activities carried out will<br>be designed to minimise<br>use of fuels, materials<br>and arisings generation,<br>as far as reasonably<br>practicable. This includes<br>optimising performance of<br>equipment through | N/A  | Refer to mitigation set out   | t for Archaeologic  | al Investigations.  |                             | N/A   | Refer to<br>mitigation set<br>out for<br>Archaeological<br>Investigations.   | N/A   |

| Topic  | Archaeological Surveys<br>and Investigations  | Environmental<br>Surveys and<br>Monitoring | Establishment of<br>Temporary<br>Construction<br>Compounds (including<br><u>site clearance (not</u><br><u>including vegetation</u><br><u>clearance)</u> car parks<br>and Welfare<br>Facilities) <sup>a</sup> | Investigations<br>for the<br>Purpose of<br>Assessing<br>and<br>Monitoring<br>Ground<br>Conditions<br>and Levels<br>(marine and<br>terrestrial) <sup>b</sup> | Pre-Construction<br>Ecological<br>Mitigation<br>(including<br>vegetation<br>clearance) <sup>©</sup> | Erection of<br>Site Fencing | Temporary Display of Site<br>Notices or<br>Advertisements | Utilities<br>Connections<br>and Site<br>Access<br>Works in the<br>Site<br>(excluding<br>the Norman<br>Road<br>Corridor) <sup>d</sup> | Utilities<br>Connections<br>and Site<br>Access<br>Works in the<br>Norman<br>Road<br>Corridor <sup>c</sup> |
|--|---|--|--|---|---|-----------------------------|---|--|---|
|  | <ul> <li>correct and efficient</li> <li>operation, maintenance,</li> <li>and servicing, and</li> <li>minimising transport</li> <li>related GHG emissions</li> <li>by considering options to</li> <li>source construction</li> <li>materials from local</li> <li>suppliers where</li> <li>practicable, make use of</li> <li>local waste management</li> <li>facilities and requirements</li> <li>for onsite storage of</li> <li>materials and arisings.</li> <li>Waste materials arising</li> <li>will be recycled or reused</li> <li>where practicable to avoid</li> <li>disposal to landfill,</li> <li>including where suitable,</li> <li>the retention of excavated</li> <li>arisings for reuse on the</li> <li>Proposed Scheme.</li> </ul> |  |  |   |   |                             |   |  |   |
| Population,<br>Health and<br>Land Use<br>Socio-<br>economics | The public will be informed advertisements.   | ns for any alternati                       | ve routes and appropriate  | alternative diversi   |   |                             | ction works by newsletters/othe                           | -  |   |

| Topic                             | Archaeological Surveys<br>and Investigations  | Environmental<br>Surveys and<br>Monitoring  | Establishment of<br>Temporary<br>Construction<br>Compounds (including<br><u>site clearance (not</u><br><u>including vegetation</u><br><u>clearance)</u> car parks<br>and Welfare<br>Facilities) <sup>a</sup>   | Investigations<br>for the<br>Purpose of<br>Assessing<br>and<br>Monitoring<br>Ground<br>Conditions<br>and Levels<br>(marine and<br>terrestrial) <sup>b</sup>  | Pre-Construction<br>Ecological<br>Mitigation<br>(including<br>vegetation<br>clearance) <sup>e</sup> | Erection of<br>Site Fencing  | Temporary Displ<br>Notices or<br>Advertisements |
|-----------------------------------|---|---|--|--|---|--|---|
| Materials<br>and Waste            | Excavated spoil from<br>Archaeological<br>Investigations is expected<br>to be reinstated or reused<br>onsite where possible,<br>which will minimise<br>potential impact on<br>disposal of waste to<br>landfill. | N/A   | Source construction mater<br>practicable, make use of<br>where practicable and reconstructed<br>materials and waste.<br>Waste arisings will be reconstructed<br>avoid disposal to landfill,<br>of excavated arisings for   | local waste manag<br>quirements for ons<br>cycled or reused w<br>including where s   | gement facilities<br>site storage of<br>where practicable to<br>uitable, the retention              | Use of<br>temporary<br>fencing to<br>contain the<br>site during<br>preparation<br>prior to<br>construction<br>(to be<br>dismantled<br>and returned<br>to the<br>supplier). | N/A   |
| Ground<br>Conditions<br>and Soils | Refer to the Investigations<br>for the Purpose of<br>Assessing and Monitoring<br>Ground Conditions and<br>Levels.   | Environmental<br>groundwater<br>and gas<br>monitoring to<br>be undertaken<br>following<br>intrusive<br>ground<br>investigation. | The scope of the pre-<br>works intrusive ground<br>investigations and<br>related assessments<br>secured under DCO<br>Requirement will include<br>the assessment of areas<br>where site clearance,<br>levelling and ground<br>preparation works is to<br>be completed for<br>Temporary Construction<br>Compounds. | Ground<br>investigations,<br>undertaken<br>prior to the<br>construction<br>phase, will be<br>led by<br>geotechnical<br>requirements<br>but would<br>include geo-<br>environmental<br>sampling of<br>terrestrial soils,<br>marine<br>sediments,<br>groundwater<br>and surface | N/A   | 1  |   |

| lay of Site | Utilities<br>Connections<br>and Site<br>Access<br>Works in the<br>Site<br>(excluding<br>the Norman<br>Road<br>Corridor) <sup>d</sup> | Utilities<br>Connections<br>and Site<br>Access<br>Works in the<br>Norman<br>Road<br>Corridor <sup>c</sup> |
|-------------|--|---|
|             | Refer to mitigation<br>Establishment of<br>Construction Co   | f Temporary   |
|             | The scope of the<br>investigation will<br>assessment with<br>placement of ne<br>utilities installation<br>trenching.                 | include a risk<br>regards to the<br>w buried  |

| Торіс                 | Archaeological Surveys<br>and Investigations  | Environmental<br>Surveys and<br>Monitoring | Establishment of<br>Temporary<br>Construction<br>Compounds (including<br><u>site clearance (not</u><br><u>including vegetation</u><br><u>clearance)</u> car parks<br>and Welfare<br>Facilities) <sup>a</sup> | Investigations<br>for the<br>Purpose of<br>Assessing<br>and<br>Monitoring<br>Ground<br>Conditions<br>and Levels<br>(marine and<br>terrestrial) <sup>b</sup>  | Pre-Construction<br>Ecological<br>Mitigation<br>(including<br>vegetation<br>clearance) <sup>©</sup>  | Erection of<br>Site Fencing               | Temporary Displ<br>Notices or<br>Advertisements |
|-----------------------|---|--|--|--|--|---|---|
|                       |   |  |  | water. The<br>scope of the<br>geo-<br>environmental<br>investigation<br>would be<br>underpinned by<br>the CSM<br>presented in<br>Appendix 17-<br>1: Preliminary<br>Risk<br>Assessment<br>(Volume 3) of<br>the<br>Environmental<br>Statement<br>(Document<br>Reference 6.3)<br>and would be<br>approved<br>pursuant to<br>DCO<br>requirement. |  |   |   |
| Landside<br>Transport | The relevant measures<br>from the Framework<br>CTMP (Document<br>Reference 7.7), including:<br>• delivery schedules;<br>• designated routes;<br>• site signage; | N/A  | Refer to mitigation set our<br>Archaeological Investigat   |  | The relevant measu<br>Framework CTMP<br>Reference 7.7), inc<br>• delivery schedul<br>• designated route<br>• site signage;<br>• mud/debris man | <b>(Document</b><br>luding:<br>es;<br>es; | N/A   |

| olay of Site | Utilities<br>Connections<br>and Site<br>Access<br>Works in the<br>Site<br>(excluding<br>the Norman<br>Road<br>Corridor) <sup>d</sup> | Utilities<br>Connections<br>and Site<br>Access<br>Works in the<br>Norman<br>Road<br>Corridor <sup>c</sup> |
|--------------|--|---|
|              |  |   |
|              | Refer to mitigation<br>Archaeological I  |   |

| Topic                                  | Archaeological Surveys<br>and Investigations  | Environmental<br>Surveys and<br>Monitoring   | Establishment of<br>Temporary<br>Construction<br>Compounds (including<br><u>site clearance (not</u><br><u>including vegetation</u><br><u>clearance)</u> car parks<br>and Welfare<br>Facilities) <sup>a</sup> | Investigations<br>for the<br>Purpose of<br>Assessing<br>and<br>Monitoring<br>Ground<br>Conditions<br>and Levels<br>(marine and<br>terrestrial) <sup>b</sup>  | Pre-Construction<br>Ecological<br>Mitigation<br>(including<br>vegetation<br>clearance) <sup>©</sup> | Erection of<br>Site Fencing | Temporary Display of Site<br>Notices or<br>Advertisements  | Utilities<br>Connections<br>and Site<br>Access<br>Works in the<br>Site<br>(excluding<br>the Norman<br>Road<br>Corridor) <sup>d</sup> | Utilities<br>Connections<br>and Site<br>Access<br>Works in the<br>Norman<br>Road<br>Corridor <sup>c</sup> |
|--|---|--|--|--|---|-----------------------------|--|--|---|
|  | <ul> <li>mud/debris<br/>management;</li> <li>dust management;<br/>and</li> <li>traffic management.</li> </ul> |  |  |  | <ul> <li>traffic managem</li> </ul>   | ent.                        |  |  |   |
| Marine<br>Navigation                   | N/A   | Any<br>environmental<br>surveys or<br>sediment<br>sampling within<br>the River<br>Thames shall<br>be subject to<br>discussion with<br>the PLA<br>regarding<br>required risk<br>controls,<br>pursuant to<br>their protective<br>provisions in<br>the DCO. | N/A  | Any ground<br>investigation<br>within the River<br>Thames shall<br>be subject to<br>discussion with<br>the PLA<br>regarding<br>required risk<br>controls<br>pursuant to<br>their protective<br>provisions in<br>the DCO. | N/A   |                             | Applicant to provide PLA<br>with relevant information to<br>issue Notices to Mariners,<br>where appropriate. | N/A  | N/A   |
| Major<br>Accidents<br>and<br>Disasters | N/A   |  |  |  |   |                             |  | The Applicant<br>will engage<br>with the<br>relevant local<br>operator or<br>company prior<br>to works being<br>undertaken.          | N/A   |

| Topic                 | Archaeological Surveys<br>and Investigations | Environmental<br>Surveys and<br>Monitoring | Establishment of<br>Temporary<br>Construction<br>Compounds (including<br><u>site clearance (not</u><br><u>including vegetation</u><br><u>clearance)</u> car parks<br>and Welfare<br>Facilities) <sup>a</sup> | Investigations<br>for the<br>Purpose of<br>Assessing<br>and<br>Monitoring<br>Ground<br>Conditions<br>and Levels<br>(marine and<br>terrestrial) <sup>b</sup> | Pre-Construction<br>Ecological<br>Mitigation<br>(including<br>vegetation<br>clearance) <sup>©</sup> | Erection of<br>Site Fencing | Temporary Display of Site<br>Notices or<br>Advertisements | Utilities<br>Connections<br>and Site<br>Access<br>Works in the<br>Site<br>(excluding<br>the Norman<br>Road<br>Corridor) <sup>d</sup> | Utilities<br>Connections<br>and Site<br>Access<br>Works in the<br>Norman<br>Road<br>Corridor <sup>c</sup> |
|-----------------------|--|--|--|---|---|-----------------------------|---|--|---|
|                       |  |  |  |   |   |                             |   | This<br>engagement<br>will include<br>agreement of<br>the risk<br>assessment<br>and method<br>statement for<br>the works.            |   |
| Cumulative<br>Effects | N/A  |  |  |   |   |                             |   |  |   |



# DECARBONISATION

10 Dominion Street Floor 5 Moorgate, London EC2M 2EF Contact Tel: 020 7417 5200 Email: enquiries@corygroup.co.uk **corygroup.co.uk**