

## 12. Schedule of Environmental Commitments

### 12.1. Introduction

- 12.1.1. The Proposed Scheme has evolved taking account of environmental considerations throughout the design process in order to avoid or reduce potential environmental impacts where possible.
- 12.1.2. This chapter provides a summary of the environmental mitigation measures that have been described in each environmental topic chapter (Chapters 7 to 10), as well as those identified during the EIA Scoping process the summary of which is set out in Volume 4, Appendix 6.1. The Appointed Contractor will be required to carry forward to detailed design the mitigation measures outlined within Table 12.1 of this Environmental Impact Assessment (EIA) Report.

### 12.2. Construction Environmental Management

- 12.2.1. The environmental performance of the Appointed Contractor throughout the works will be defined and controlled through the overarching CEMP, which shall be developed by the Appointed Contractor. The CEMP will comply with current legislation and regulations and industry good practice, and will require consultation with statutory consultees where relevant. The CEMP should include the following as required:
- Air Quality and Dust Management Plan (including Dust Control Plan, identifying suitable mitigation measures to be employed in accordance with the [Institute of Air Quality Management Construction Dust Guidance](#), 2024)
  - Archaeological Management Plan
  - Bio-Security Plan, including the management of invasive, non-native species
  - Carbon Management Plan
  - Community Engagement Plan
  - Construction Lighting Management Plan
  - Designated Sites Protection Plan

- Dewatering Management Plan
- Ecological Management Plan, including specific Species Protection Plans Designated Sites and Habitat Protection Plans
- Flood Response Plan
- Groundwater and Surface Water Management Plans, including Water Quality Monitoring Plan, adherence to Pollution Prevention Guidelines, Flood Response and Pollution Incident Control and Response Plans
- Landscape Ecological Management and Monitoring Plan
- Noise and Vibration Management Plan (identifying how to appropriately control and minimise construction noise impacts as far as is reasonably possible)
- Pollution Prevention Measures and Incident Control Plan
- Details of pre-construction surveys, including ecology and drainage
- Private Water Supply Protection Plan
- Severe Adverse Weather Management Plan
- Site Waste Management Plan
- Soil and Peat Management Plan
- Soil and Materials Management Plan
- Surface Water Management Plan and
- Traffic Management Plan, including walkers, cyclists and horse-riders.

12.2.2. Where those plans listed above are not considered to be required this must be agreed with Transport Scotland.

12.2.3. Volume 4, Appendix 4.2 First Iteration Environmental Management Plan has been produced in accordance with [DMRB LA 120 Environmental management plans](#) and sets the framework for the Appointed Contractor to further develop their CEMP.

## 12.3. Schedule of Committed Mitigations

- 12.3.1. Table 12.1 ‘Schedule of Environmental Commitments’ below collates the specific mitigation commitments outlined in Chapters 7 to 10 for ease of reference. In addition, as agreed with the A83 Environmental Steering Group (ESG) the mitigation identified during the EIA Screening / Scoping process has also been captured within Table 12.1 to ensure that it is implemented by the Appointed Contractor.
- 12.3.2. The Schedule of Environmental Commitments includes the following information:
- mitigation reference number (derived from the environmental topic and mitigation item number)
  - location of the measure
  - timing of the mitigation measure
  - description of the mitigation measure (including its purpose and location)
  - the party responsible for overseeing the implementation of the mitigation and
  - specific monitoring, consultation and approval required for the mitigation item.
- 12.3.3. The Appointed Contractor is required to monitor the environmental mitigation and whether the objectives have been achieved. A Completion Record will be included within the Register of Environmental Actions and Commitments as detailed in Volume 4, Appendix 4.2 First Iteration Environmental Management Plan.
- 12.3.4. Throughout the construction period the Appointed Contractor will be required to ensure that suitably experienced onsite personnel report on and monitor the implementation of environmental mitigation. Details of the onsite personnel should be detailed within the Contractor’s CEMP.

**Table 12.1 - Schedule of Environmental Commitments**

| Ref  | Location of Measure | Timing of Measure | Description   | Mitigation Purpose/ Objective   | Party Responsible for Overseeing Implementation | Specific Consultation or Approval Required  | Monitoring Requirements                  |
|------|---------------------|-------------------|---|---|---|---|--|
| GEN1 | Scheme Wide         | Construction      | <p>The appointed Contractor will, through contractual requirements, be required to produce a CEMP in accordance with DMRB LA 120 'Environmental management plans' to provide a framework for the implementation of construction activities and how they intend to operate the construction site. Construction mitigation measures are detailed through the EIA Report and have been included with the table below. The CEMP must be in place prior to the start of construction work and will be developed throughout the construction period as required to avoid, reduce or mitigate construction impacts on the environment and the surrounding community.</p> <p>The CEMP will include but not be limited to, plans including those identified in Section 12.2. A First Iteration Environmental Management Plan has been developed and is included in Volume 4, Appendix 4.2.</p> | To set a framework for the implementation of construction activities in accordance with the mitigation and environmental commitments contained in the EIA Report. | Appointed Contractor                            | Consultation with Loch Lomond and The Trossachs National Park, Argyll and Bute Council and other statutory bodies and regulatory authorities. | Employer's Requirements in the Contract. |

| Ref | Location of Measure   | Timing of Measure | Description  | Mitigation Purpose/ Objective  | Party Responsible for Overseeing Implementation | Specific Consultation or Approval Required      | Monitoring Requirements  |
|-----|---|-------------------|--|--|---|---|--|
| AQ1 | Scheme Wide   | Construction      | <p>Mitigation measures to control dust during construction will be specified within contract documentation and will be incorporated into the Construction Environmental Management Plan (CEMP) prior to construction of the Proposed Scheme.</p> <p>Dust mitigation, appropriate to a high dust risk potential, will be required when working in the vicinity of ecological sites. The exact measures will be reviewed and included in the CEMP as relevant and agreed in consultation with the local authority and relevant third parties at the time of writing.</p> <p>Measure was identified during the EIA Screening / Scoping, refer to Volume 4, Appendix 6.1 Summary of EIA Scoping.</p> | Control dust during construction to mitigate risk of construction dust impacts   | Appointed Contractor                            | Not applicable                                  | On-going monitoring of Construction works by Environmental Clerk of Works (ECoW) |
| CH1 | A26: 223822<br>706461, A27:<br>223855<br>706411, A29:<br>223914<br>706316, A30:<br>223979<br>706258, A37:<br>224018<br>706185, A41:<br>224058<br>706047 | Construction      | <p>Stone from sections of walls (A26, A27, A29, A30, A37 and A41) will be retained and used for future reinstatement. This should be done by an experienced drystone wall contractor with experience of working in this area. The walls should be of the same construction and appearance as the sections of retained walls such as A7 and A12. Prior to removal, the sections of wall should be photographed as a means of recording. This would remove the significant effects.</p> <p>Measure was identified during the EIA Screening / Scoping, refer to Volume 4, Appendix 6.1 Summary of EIA Scoping.</p>  | To mitigate the direct physical impacts by retaining the character of the walls. | Appointed Contractor                            | West of Scotland Archaeological Service (WoSAS) | Not applicable   |

| Ref  | Location of Measure  | Timing of Measure                           | Description   | Mitigation Purpose/ Objective  | Party Responsible for Overseeing Implementation | Specific Consultation or Approval Required      | Monitoring Requirements |
|------|--|---|---|--|---|---|-------------------------|
| CH2  | A6: 223354<br>707246, A43:<br>224075<br>706000; A44:<br>224076<br>705995, A10:<br>223023<br>707217. A23:<br>223733<br>706613 | Pre-<br>construction<br>and<br>construction | <p>Photographic and documentary recording of a bridge (A6), bridge piers (A43 and A44), and brick structures (A10 and A23) prior to start of construction. The works must be undertaken by an appropriately qualified archaeological organisation. The existing stone for widening bridge A6 should be reused to mirror the original design of the sections which were removed for widening purposes so that the bridge retains the character of the current bridge. Photographic and documentary recording and the reuse of stone would remove the significant effects.</p> <p>Measure was identified during the EIA Screening / Scoping, refer to Volume 4, Appendix 6.1 Summary of EIA Scoping.</p>  | To mitigate the direct physical impacts by preservation through record and maintaining the character of bridge A6.   | Appointed Contractor                            | West of Scotland Archaeological Service (WoSAS) | Not applicable          |
| BIO1 | Scheme Wide  | Construction                                | <p>All construction activities will be controlled by strict adherence to best practice procedures (including <a href="#">Guidance for Pollution Prevention (GPP)</a>, and Construction Industry Research and Information Association (CIRIA, 2001) guidance “<a href="#">Control of water pollution from construction sites. Guidance for consultants and contractors (C532D)</a>” to avoid or reduce the polluting effects of construction activities on the surrounding environment. These include implementation of pollution prevention measures and dust control. They also include buffer zones and, where relevant, restriction of working hours and following <a href="#">BS5489 Code of Practice for the Design of Road Lighting around sensitive features</a>, within the Appointed Contractors CEMP.</p> <p>Measure was identified during the EIA Screening / Scoping, refer to Volume 4, Appendix 6.1 Summary of EIA Scoping.</p> | To ensure adherence to legislative requirements and mitigation impacts for designated sites, terrestrial habitats, aquatic habitats and protected species. | Appointed Contractor                            | Not applicable                                  | Not applicable          |

| Ref  | Location of Measure | Timing of Measure       | Description   | Mitigation Purpose/ Objective                             | Party Responsible for Overseeing Implementation | Specific Consultation or Approval Required                | Monitoring Requirements                           |
|------|---------------------|-------------------------|---|---|---|---|---|
| BIO2 | Scheme Wide         | Construction            | <p>A suitably experienced full-time Ecological Clerk of Works (EcCoW) and supporting team (consisting of suitability experienced and / or licenced ecologists) will be appointed by the Appointed Contractor prior to and for the duration of the construction period. The Employer's Ecologist will observe that the Appointed Contractors EcCoW's are suitably experienced to undertake their role and will audit the contractual obligations with regards to the environmental safeguarding and mitigation requirements.</p> <p>Measure was identified during the EIA Screening / Scoping, refer to Volume 4, Appendix 6.1 Summary of EIA Scoping.</p> | To ensure adherence to measures outlined within the CEMP. | Appointed Contractor – EcCoW                    | Transport Scotland – Employers Ecologist (where required) | Not applicable                                    |
| BIO3 | Scheme Wide         | Design and Construction | <p>Production of Species Protection Plan (SPP) and a habitats protection plan (HPP). The following SPPs (as a minimum) will need produced:</p> <p>Aquatic ecology, birds (including golden eagle), otter, pine marten, red squirrel, bats, badger, reptiles and any other species as deemed necessary from the pre-construction surveys conducted.</p> <p>Measure was identified during the EIA Screening / Scoping, refer to Volume 4, Appendix 6.1 Summary of EIA Scoping.</p>  | To ensure adherence to relevant legislation/policy.       | Appointed Contractor - EcCoW                    | Transport Scotland – (Employers Ecologist)                | On-going monitoring of Construction works by ECoW |

| Ref  | Location of Measure | Timing of Measure                        | Description  | Mitigation Purpose/ Objective                       | Party Responsible for Overseeing Implementation | Specific Consultation or Approval Required | Monitoring Requirements   |
|------|---------------------|--|--|---|---|--|---|
| BIO4 | Scheme Wide         | Pre-Construction                         | <p>Surveys for protected species surveys need to be undertaken in advance of construction programme starting to inform any licence requirements for protected species such as bats, badger or otter. Survey programme to inform European Protected Species (EPS) or other protected species licences will follow good practice / <a href="#">NatureScot guidelines for protected species licencing applications</a>.</p> <p>Measure was identified during the EIA Screening / Scoping, refer to Volume 4, Appendix 6.1 Summary of EIA Scoping.</p>   | To ensure adherence to relevant legislation/policy. | Appointed Contractor - EcCoW                    | Transport Scotland – (Employers Ecologist) | Ecological surveys, apply for EPS licences (if required) and on-going monitoring of Construction works by EcCoW   |
| BIO5 | Scheme Wide         | Pre-Construction and During Construction | <p>Any NatureScot licence applications will be required to be applied for and granted prior to construction. The results of the aforementioned surveys will inform each application. The licenced method statement will be produced.</p> <p>Where an EPS or other protected species NatureScot licence is applied for and granted, appropriate compensation and mitigation measures will be implemented to maintain the favourable conservation status of the species being licenced. These measures will also be fed into the SPP's produced and implemented during construction.</p> <p>Measure was identified during the EIA Screening / Scoping, refer to Volume 4, Appendix 6.1 Summary of EIA Scoping.</p> | To ensure adherence to relevant legislation/policy. | Appointed Contractor - EcCoW                    | NatureScot                                 | Ecological surveys, apply for EPS licences (if required) and on-going monitoring of Construction works by EcCoW, including any monitoring specified in a licence method statement |



| Ref  | Location of Measure | Timing of Measure                        | Description  | Mitigation Purpose/ Objective                       | Party Responsible for Overseeing Implementation | Specific Consultation or Approval Required | Monitoring Requirements   |
|------|---------------------|--|--|---|---|--|---|
| BIO6 | Scheme Wide         | Pre-Construction and During Construction | <p>Implementation of the HPP and SPPs including any preconstruction surveys immediately prior to construction starting and during construction e.g. nesting bird checks, are required in line with the relevant HPP and SPPs. Pre-construction surveys should be completed as close to the construction period as possible, and good practice should be followed for timings. For example pre-construction surveys for otter are to be completed no more than 3 months before the start of works (<a href="#">NatureScot Standing Advice for Otter</a>).</p> <p>Measure was identified during the EIA Screening / Scoping, refer to Volume 4, Appendix 6.1 Summary of EIA Scoping.</p> | To ensure adherence to relevant legislation/policy. | Appointed Contractor - EcCoW                    | NatureScot                                 | Monitoring of protected species prior to and during construction works by EcCoW |
| BIO7 | Scheme Wide         | Post-Construction                        | <p>Any monitoring (if required) for habitat reinstatement and protected species mitigation. To ensure any remedial measures are implemented in line with agreed mitigation measures.</p> <p>Measure was identified during the EIA Screening / Scoping, refer to Volume 4, Appendix 6.1 Summary of EIA Scoping.</p>   | To ensure adherence to relevant legislation/policy. | Appointed Contractor - EcCoW                    | Not applicable                             | On-going monitoring of Post Construction works by ECoW                          |

| Ref  | Location of Measure | Timing of Measure       | Description  | Mitigation Purpose/ Objective   | Party Responsible for Overseeing Implementation | Specific Consultation or Approval Required | Monitoring Requirements                           |
|------|---------------------|-------------------------|--|---|---|--|---|
| BIO8 | Scheme Wide         | Design and Construction | <p>Protected mammal species mitigation is outlined in Volume 3, Figure 9.3 Landscape and Ecological Mitigation. Temporary fencing and / or barriers may be erected to secure the working area(s). It is anticipated that the design will include a requirement at Bridge B on the OMR and retention of mammal passage at the Croe Water culvert.</p> <p>Measure was identified during the EIA Screening / Scoping, refer to Volume 4, Appendix 6.1 Summary of EIA Scoping.</p>   | To ensure adherence to legislative requirements and maintain permeability for protected mammal species.                 | Appointed Contractor                            | Not applicable                             | Not applicable                                    |
| MAW1 | Scheme Wide         | During Construction     | <p>As part of the CEMP, a Materials Management Plan (MMP) shall be produced by the Appointed Contractor to manage, monitor and maximise reuse of excavated arisings from the Proposed Scheme, in accordance with regulatory guidance produced by SEPA on <a href="#">Promoting the sustainable reuse of greenfield soils in construction</a> (2010) and international soils reuse guidelines, i.e. those similar to the <a href="#">CL:AIRE 'Definition of Waste: Development Industry</a> Code of Practice for excavated materials (2008). As a requirement of the MMP, testing of Site arisings will be a critical step in validating suitability for reuse in different structural and non-structural applications.</p> <p>Measure was identified during the EIA Screening / Scoping, refer to Volume 4, Appendix 6.1 Summary of EIA Scoping.</p> | Minimise waste and maximise resource efficiency through the management of materials throughout the construction period. | Appointed Contractor                            | Transport Scotland                         | On-going monitoring of Construction works by ECoW |

| Ref  | Location of Measure | Timing of Measure                 | Description  | Mitigation Purpose/ Objective   | Party Responsible for Overseeing Implementation | Specific Consultation or Approval Required  | Monitoring Requirements   |
|------|---------------------|-----------------------------------|--|---|---|---|---|
| MAW2 | Scheme Wide         | During Construction               | <p>A Site Waste Management Plan (SWMP) as part of the CEMP will be produced by the Appointed Contractor to manage, monitor and report site waste effectively to maximally reduce associated impacts and potential harm to the environment during construction, where possible.</p> <p>Measure was identified during the EIA Screening / Scoping, refer to Volume 4, Appendix 6.1 Summary of EIA Scoping.</p>   | Minimise waste and maximise resource efficiency through the management of materials throughout the construction period. | Appointed Contractor                            | Transport Scotland  | On-going monitoring of Construction works by ECoW                     |
| NV1  | Scheme Wide         | During Construction               | <p>During the construction phase best practicable means (as defined in Section 72 of the Control of Pollution Act 1974) will be adopted, this includes the adoption of the advice contained within <a href="#">BS 5228-1:2009+A1:2014</a> and <a href="#">BS 5228-2:2009+A1:2014</a>, and will be secured through the CEMP prepared by the Appointed Contractor.</p> <p>Measure was identified during the EIA Screening / Scoping, refer to Volume 4, Appendix 6.1 Summary of EIA Scoping.</p>           | To mitigate noise and vibration impacts during construction.  | Appointed Contractor                            | To change construction impacts on site throughout the duration of the construction and restoration period | On-going monitoring of Construction works by ECoW                     |
| EC1  | Scheme Wide         | Pre-construction and Construction | <p>The Appointed Contractor will produce a Carbon Management Plan (CMP) as part of their contract. The CMP will set out how GHG emissions will be managed and reduced over the lifetime of the Proposed Scheme. The Appointed Contractor should also set targets for GHG emissions reductions for each stage of the Proposed Scheme which will be included within the CMP.</p> <p>Measure was identified during the EIA Screening / Scoping, refer to Volume 4, Appendix 6.1 Summary of EIA Scoping.</p> | To mitigate and manage GHG emissions.   | Appointed Contractor                            | Not Applicable  | On-going monitoring of Construction works by the Appointed Contractor |

| Ref   | Location of Measure | Timing of Measure                        | Description  | Mitigation Purpose/ Objective  | Party Responsible for Overseeing Implementation  | Specific Consultation or Approval Required | Monitoring Requirements                           |
|-------|---------------------|--|--|--|--|--|---|
| RDWE1 | Scheme Wide         | Pre-Construction and During Construction | <p>The CEMP shall include methodologies to manage potential pollutants and ensure contingency plans for any pollution incidents, including sediment management. A Construction Runoff Permit shall be included. These documents will include considerations in relation to extreme weather events during the construction phase. This suite of documentation shall be developed by the Appointed Contractor and subject to approval prior to construction, remaining as a live document throughout the construction phase.</p> <p>Measure was identified during the EIA Screening / Scoping, refer to Volume 4, Appendix 6.1 Summary of EIA Scoping.</p> | Pollution prevention.  | Appointed Contractor   | SEPA                                       | On-going monitoring of Construction works by ECoW |
| RDWE2 | Scheme Wide         | Pre-Construction                         | <p>Applications for authorisation under The Water Environment (Controlled Activities) (Scotland) Regulations 2011 shall be developed and submitted, following initial conversations held with SEPA Water Permitting team. Drainage design to minimise potential impacts on the Croe Water main river system.</p> <p>Measure was identified during the EIA Screening / Scoping, refer to Volume 4, Appendix 6.1 Summary of EIA Scoping.</p>   | Appropriately designed engineering solutions that minimise impact upon local channels, in particular the Croe Water. | Design Team initially, with Appointed Contractor/Designer confirming design details pre-construction | SEPA                                       | On-going monitoring of Construction works by ECoW |

| Ref  | Location of Measure | Timing of Measure | Description   | Mitigation Purpose/ Objective  | Party Responsible for Overseeing Implementation | Specific Consultation or Approval Required | Monitoring Requirements   |
|------|---------------------|-------------------|---|--|---|--|---|
| PHH1 | Scheme wide         | Construction      | Construction Environmental Management Plan (CEMP), Traffic Management Plan (TMP) and Community Engagement Plan will be enacted during the construction phase. This will provide a framework for the implementation of construction activities including plans related to geology and land contamination, surface water and groundwater, air quality (e.g. dust), and noise and vibration. In respect of the Community Engagement Plan, this will ensure that local communities are kept informed of the nature and duration of the works. | To reduce impacts to receptors including walkers, cyclists and horse-riders as well as members of the local community. | Appointed Contractor                            | Not Applicable                             | On-going monitoring of Construction works by Appointed Contractor |
| PHH2 | Scheme wide         | Construction      | Any Land temporarily used for construction will be restored to a condition equivalent to its original state. This will be achieved by means of a Soil Resource Plan (SRP) following best practice set out in guidance such as <a href="#">DEFRA's Construction Code of Practice for the Sustainable Use of Soils on Construction Sites</a> , <a href="#">SEPA Promoting the sustainable reuse of greenfield soils in construction sites</a> or equivalent guidance.   | To ensure the soil resource is appropriate restored.   | Appointed Contractor                            | Not Applicable                             | On-going monitoring of Construction works by Appointed Contractor |
| PHH3 | OMR                 | Construction      | During construction on the Old Military Road, walking, cycling and horse riders will be convoyed through the route.   | To reduce impacts to receptors including walkers, cyclists and horse-riders.   | Appointed Contractor                            | Not Applicable                             | On-going monitoring of Construction works by Appointed Contractor |

| Ref  | Location of Measure | Timing of Measure                     | Description  | Mitigation Purpose/ Objective                        | Party Responsible for Overseeing Implementation | Specific Consultation or Approval Required | Monitoring Requirements   |
|------|---------------------|---------------------------------------|--|--|---|--|---|
| PHH4 | Scheme wide         | Construction                          | Where unrestricted agricultural uses are to be resumed on land disturbed during the construction of the Proposed Scheme, the Appointed Contractor will be responsible for ensuring no long-term reduction in the quality of the disturbed land, through the adoption of good practice techniques in handling, storing and reinstating soils and field drains.  | To ensure the soil resource is appropriate restored. | Appointed Contractor                            | Not Applicable                             | On-going monitoring of Construction works by Appointed Contractor |
| GSG1 | Scheme Wide         | Pre-Construction, During Construction | Implementation of a Dewatering Management Plan (DMP) would be required for any dewatering activities being carried out. This document would outline how to remove excess water from the construction site and minimise environmental impacts, enabling groundwater recharge whilst taking account of local slope stability. Any dewatering activities will be compliant with industry standards and best practice and the PMP. Working areas are to be kept to a minimum for construction of the project to reduce habitat loss. | To reduce impact upon groundwater receptors          | Appointed Contractor                            | SEPA                                       | On-going monitoring of Construction works by ECoW                 |

| Ref  | Location of Measure                     | Timing of Measure                             | Description   | Mitigation Purpose/ Objective   | Party Responsible for Overseeing Implementation | Specific Consultation or Approval Required | Monitoring Requirements   |
|------|---|---|---|---|---|--|---|
| GSG2 | Specific GWDTE Locations (M10 habitats) | Design, Pre-Construction, During Construction | <p>GI works shall include additional groundwater data, due to be reported in 2025, which shall reduce uncertainty. Data with relevance to M10 habitats shall be reviewed against previous findings to verify the assessment outcome.</p> <p>On the basis that uncertainty remains, groundwater level and water quality monitoring shall be undertaken by Design Team or Appointed Contractor in accordance with SEPA LUPS-GU31 guidance, including locations both upslope and downslope of the Proposed Scheme covering the period preceding construction until post-construction, across a number of seasons. Ecological monitoring would be undertaken, in parallel, for any change to M10 community in comparison to baseline as part of this process. This data shall be used to update and refine the M10 habitat assessment.</p> <p>Should outcomes emerge that indicate these habitats are subject to a residual effect greater than current assessment, proportionate design adaptations shall be considered in latter design stages, taking into account challenging ground conditions and slope instability. If feasible, these could include sub-surface cross-drains, to enable shallow groundwater pathways to continue supply to downslope habitats.</p> <p>This approach will ensure any effect upon GWDTE, based on emerging information, does not exceed slight adverse significance, as currently reported.</p> <p>SEPA shall be consulted at all above stages. This measure was identified during the EIA Screening / Scoping, refer to Volume 4, Appendix 6.1 Summary of EIA Scoping.</p> | To ensure continuity of shallow groundwater flowpaths to GWDTE, if applicable | Appointed Contractor and Designer               | SEPA                                       | If applicable, monitoring shall commence pre-construction and continue through post-construction, using appropriately skilled staff for various activities. |

| Ref  | Location of Measure | Timing of Measure                        | Description  | Mitigation Purpose/ Objective  | Party Responsible for Overseeing Implementation | Specific Consultation or Approval Required | Monitoring Requirements                           |
|------|---------------------|--|--|--|---|--|---|
| GSG3 | Scheme Wide         | Design and Construction                  | <p>Following outcome of pre-construction Ground Investigation reporting, likely arisings and management of carbon rich soils (including peat) shall be incorporated into the relevant section of the CEMP. Any encountered material shall be treated sensitively to minimise moisture and carbon loss, with appropriate handling, temporary storage and reuse plans identified and agreed with SEPA.</p> <p>Measure was identified during the EIA Screening / Scoping, refer to Volume 4, Appendix 6.1 Summary of EIA Scoping.</p> | To minimise disturbance and ensure sensitive management of any excavated carbon rich soil (including peat) material. | Appointed Contractor and Designer               | SEPA                                       | On-going monitoring of Construction works by ECoW |
| LV1  | Scheme Wide         | Pre-Construction and during Construction | Construction activity will be kept to the minimum practicable time to reduce the duration of impacts. Areas will be cleared for construction as close as possible to the works commencing and topsoiling, reseeding and planting will be undertaken as soon as possible after the works are complete, allowing for the appropriate planting/seeding season.  | To mitigate the direct impacts on landscape and visual receptors   | Appointed Contractor                            | Not applicable                             | On-going monitoring of Construction works by ECoW |
| LV2  | Scheme Wide         | Construction                             | Work compound and storage areas will, as far as practicable, be located where existing features can provide screening.   | To mitigate the direct impacts on landscape and visual receptors   | Appointed Contractor                            | Not applicable                             | On-going monitoring of Construction works by ECoW |
| LV3  | Scheme Wide         | Construction                             | Construction areas will be kept tidy and free of litter and debris.  | To mitigate the direct impacts on landscape and visual receptors   | Appointed Contractor                            | Not applicable                             | On-going monitoring of Construction works by ECoW |



| Ref | Location of Measure | Timing of Measure | Description   | Mitigation Purpose/ Objective                                    | Party Responsible for Overseeing Implementation | Specific Consultation or Approval Required | Monitoring Requirements                           |
|-----|---------------------|-------------------|---|--|---|--|---|
| LV4 | Scheme Wide         | Construction      | Work will be avoided during hours of darkness as far as is practicable and where necessary, directed lighting will be used to minimise glare.   | To mitigate the direct impacts on landscape and visual receptors | Appointed Contractor                            | Not applicable                             | On-going monitoring of Construction works by ECoW |
| LV5 | Scheme Wide         | Construction      | To protect soil quality: <ul style="list-style-type: none"> <li>• uncontaminated topsoil for re-use shall be stored in un-compacted mounds up to 2m in height separate from subsoil material</li> <li>• stripped topsoil shall be used in areas of the same vegetation type and</li> </ul> subsoil in proposed planting areas shall be replaced after construction and ripped to a depth agreed with the ECoW, landscape architect or soil scientist as appropriate prior to topsoiling and planting. | To protect soil quality  | Appointed Contractor                            | Not applicable                             | On-going monitoring of Construction works by ECoW |
| LV6 | Scheme Wide         | Construction      | Minimise loss of all existing vegetation as far as practicable. Retention of existing trees and vegetation and incorporation with new planting proposals. Trees shall only be removed where it can be demonstrated that this is required for construction or safety purposes.   | To mitigate the direct impacts on landscape and visual receptors | Appointed Contractor                            | Not applicable                             | On-going monitoring of Construction works by ECoW |
| LV7 | Scheme Wide         | Construction      | Fence off existing trees and shrubs not affected by construction with a suitable type of fencing which shall extend to the root zone of the tree canopy and remain in situ until works are completed.   | To mitigate the direct impacts on landscape and visual receptors | Appointed Contractor                            | Not applicable                             | On-going monitoring of Construction works by ECoW |

| Ref  | Location of Measure | Timing of Measure       | Description  | Mitigation Purpose/ Objective                                    | Party Responsible for Overseeing Implementation | Specific Consultation or Approval Required   | Monitoring Requirements                           |
|------|---------------------|-------------------------|--|--|---|--|---|
| LV8  | Scheme Wide         | Design and Construction | <p>Earthworks proposals will:</p> <ul style="list-style-type: none"> <li>• use retaining solutions where appropriate to avoid extensive cuttings into slopes or large embankments which increase land disturbance and</li> <li>• sensitive grading of earthworks to integrate with surrounding landform and/or reduce requirement for/extent of felling.</li> </ul>  | To mitigate the direct impacts on landscape and visual receptors | Appointed Contractor                            | Not applicable   | On-going monitoring of Construction works by ECoW |
| LV9  | Scheme Wide         | Design and Construction | <p>Mitigation planting to replace trees lost during the construction of the Proposed Scheme. Planting shall aid integration with the landscape character and be predominantly based on native species established in the area. Planting or density of planting shall be light to align with landscape character or to afford open or glimpsed views of landscape features. Species-rich mixes for the majority of grass verges with the aim of integrating these into the wider landscape character. The exception to this would be the use of less diverse grass species in areas associated with visibility splays which are capable of withstanding regular cutting. Refer to Volume 3, Figure 9.3 Landscape and Ecological Mitigation.</p> | To mitigate the direct impacts on landscape and visual receptors | Appointed Contractor                            | Not applicable   | On-going monitoring of Construction works by ECoW |
| LV10 | Scheme Wide         | Design and Construction | The detail of any required mammal fencing shall be designed to minimise landscape and visual impact.   | To mitigate the direct impacts on landscape and visual receptors | Appointed Contractor                            | Forestry and Land Scotland, Loch Lomond and The Trossachs National Park Authority (LLTNPA) | On-going monitoring of Construction works by ECoW |

