

21 Schedule of Additional Environmental Commitments (21 February 2020)

21.1 General

Ref No.	Stage	Commitments
1.22	C	A Pest Control Plan (PCP) has been developed to implement pest control measures during construction of the proposed road development and this will be incorporated into the CEMP. A summary of the measures included in the PCP are outlined in the Statement of Evidence – Responses to Engineering, Need for the Project, Alternatives Considered and Material Assets Non-Agriculture Objection/Submissions as read into the record on day one of the oral hearing on 18 February 2020.
1.23	O	A 2m cycle track will be provided from Gort na Bró Roundabout to Gael Scoil Mhic Amhlaigh on both sides.
124	O	A two-way cycle track will be provided from Gael Scoil Mhic Amhlaigh to Ragoon Road on the eastern verge of Gort Na Bró Road.
125	O	Galway County Council propose that plots 583a.209, 583c.201, 583c.202; 583c.203 and 583a.208 are temporary plots, required only for the duration of the construction period for use as a part of the overall construction compound and to enable construction of the proposed road development. A right of way will be provided over Access Road AR 11/01 in favour of McHugh Properties to provide access to these lands.
126	O	A 10m wide right of way will be registered by Galway County Council in favour of the landowner in Plot 570 to facilitate access between the northern and southern land parcels under Menlo Viaduct.

21.2 Material Assets Non-Agriculture

Ref No.	Stage	Commitments
15.5	EO	<p>Alternative pitch facilities will be provided to replace the existing pitches directly impacted by the proposed road development. The facilities include a floodlit 3G GAA pitch and a floodlit 3G training area and associated site infrastructure for the drainage of these pitches and furniture such as ball stop netting. The proposed road development also intercepts the existing sports pavilion resulting in direct impacts to its western end and the building will be modified as follows:</p> <ul style="list-style-type: none"> The existing western plant room, 1 no. changing room, 1 no. storage area, 1 no. weights area and associated access hallways on both ground floor and upper levels will be demolished. The western plant room and its associated plant will be relocated. Construction and reconfiguration of the internal and external walls, roof, windows and door locations.
15.11	O	<p>The mitigation strategy at the NUIG Sporting Campus has been amended to reflect the following:</p> <ul style="list-style-type: none"> The southern existing grass-based GAA pitch immediately adjacent to River Corrib is no longer required for the mitigation strategy in NUIG

Ref No.	Stage	Commitments
		<ul style="list-style-type: none"> The northern existing grass-based GAA pitch immediately adjacent to River Corrib, which is being temporarily acquired by Galway County Council will be reinstated as a grass training area, with appropriate sand base and drainage in line with its current use post construction and returned to NUIG To ensure interconnection for NUIG post completion of the construction, Galway County Council will be providing a right of way for NUIG to use the lands under the proposed viaduct for sporting/athletic purposes by way of a long lease.
15.13	O	Galway County Council will notify Ob_521_O_517.14_02 of any upcoming day or night time closures near their property.

21.3 Material Assets – Agriculture

Ref No.	Stage	Commitments
14.9	C	Galway County Council will employ an equine expert or veterinary practitioner for the duration of the construction contract

21.4 Air Quality and Climate

Ref No.	Stage	Commitments
16.12	C	The Contractor shall use reinforced concrete with an emission factor of no greater than 0.0949 KgCO ₂ e/Kg.

21.5 Noise and Vibration

Ref No.	Stage	Commitments
17.23	O	Noise barrier NB12/05 will be extended west to Chainage 12+550 to reduce noise levels at assessment location R188 below the TII design goal taking account of the RFI sensitivity analysis.

21.6 Landscape and Visual

Ref No.	Stage	Commitments
12.40	O	It is proposed to extend the proposed of 3m wide mixed screen planting belt along the property side of the proposed road development west from Ch. 1+760 back to Ch. 1+580 as indicated on Figure 12.1.14 of EIAR, as amended

21.7 Hydrogeology

Ref No.	Stage	Commitments
10.10	C	Nine Five wells (W50-10, W50-12, W50-13, W50-14 and W50-15, W50-16, W50-19, W50-17, W50-18) will be lost during the construction of the proposed road development. These will each be mitigated by providing a replacement well, connecting to mains supply where available or by financial compensation. Where wells have to be abandoned as part of the

Ref No.	Stage	Commitments
		proposed road development they will be sealed and abandoned in general accordance with Well Drilling Guidelines produced by the Institute of Geologists of Ireland (IGI 2007).

21.8 Hydrology

Ref No.	Stage	Commitments
11.1	C	<ul style="list-style-type: none"> All construction works will be carried out in accordance with best practice construction guidance and as such will eliminate the risk of spillage to the River Corrib. All works will also be carried out in accordance with Irish Water Standards and Specifications, in line with standard processes and procedures for obtaining connection consent and build over agreements with the utility provider. Future proofing sleeves in the vicinity of Ardaun can be easily accommodated and their location will be agreed with Irish Water prior to commencement of construction. Irish Water (IW) will be consulted in the updating of the CEMP and specifically the and the incident response plan (IRP) for construction and operation stages Provision will be made for Irish Water Staff to visit the construction site if deemed necessary by Irish Water Ongoing liaison with Irish Water will be provided at construction stage and procedures for regular project dates will be established during the construction stage in a timely manner so as to enable Irish Water to assess potential increased risk to the water quality of their potable water supply source
11.10	C/O	Throughout the project construction and operation phases Galway County Council will continue to consult and inform with Irish Water in respect to water quality and pollution risk to their potable water supply source

21.9 Biodiversity

Ref No.	Stage	Commitments
8.19	C	Given the changing baseline environment, the Compensatory Habitat Management Plans (CHMPs) set out in A.8.26 of the EIAR are live documents which will need to be updated by the appointed contractor by way of pre-construction surveys.
8.31	C	The structures provided for the passage of bats will be checked prior to the operation of the proposed road development to ensure they are constructed in accordance with the design requirements set out in Section 8.6.7.2 and Section 8.9.2 of the EIAR.
8.42	C	Badger passage facilities will be checked prior to the operation of the proposed road development to ensure they are constructed in accordance with the <i>Guidelines for the Treatment of Badgers during the Construction of National Road Schemes</i> (National Roads Authority, 2006).

Ref No.	Stage	Commitments
8.52	O	An unmanaged grass margin (at least 1m in width) will be retained along all field boundaries in the area of habitat to be retained that lies to the north-west of the proposed road carriageway at Menlo Castle.
8.54	C	<p>The former Peregrine falcon nest sites in the north east corner of Lackagh Quarry will be retained. The precise locations have not been divulged in the EIAR due to the risk of persecution to the species. Galway County Council and/or BirdWatch will need to be consulted to ascertain their precise locations to ensure their retention and protection from works.</p> <p>To minimise the potential for construction works near Lackagh Quarry to disturb the Peregrine falcon nest site, works from the Lackagh Tunnel to the N84 Headford Road Junction will commence prior to mid-February. The installation of rock bolts on the cliff faces in the vicinity of the nest site will be undertaken in a sensitive manner (as advised by a suitably experienced ecologist) so as to minimise any potential disturbance to the nest site during the breeding season, particularly if the nest site is occupied.</p> <p>An alternative nest site for Peregrine falcon will be provided on Galway City Council owned lands to the south-east of Lackagh Quarry as indicated on drawing GCRR-SK-PP-067 (Appendix A to Aebhín Cawley's statement of evidence at the oral hearing). This artificial nest site will be in place prior to the commencement of works which have the potential to disturb or displace breeding Peregrine falcon in Lackagh Quarry. The alternative nest site will be provided in accordance with the design requirements set out in the report prepared by BirdWatch Ireland contained in Appendix C to Aebhín Cawley's statement of evidence at the oral hearing.</p> <p>Monitoring of Peregrine falcon breeding activity at both Lackagh Quarry and the proposed alternative nest site will be undertaken throughout each breeding season over the entire construction period to ascertain any nest success/failure of the local breeding pair and if blasting is affecting numbers of common Peregrine falcon prey species. Use of the artificial nest site will also be monitored during operation of the proposed road development for a period of three years.</p>
8.58	O	Nest boxes will be monitored annually by an ecologist, and the results reported to Galway County Council, to record their usage by breeding birds for a period of three years post-construction.