

The background is a vibrant yellow. It is decorated with several abstract geometric shapes in shades of blue and teal. These include circles, teardrop shapes, and rounded rectangles, some of which are partially cut off by the edges of the page. The shapes are arranged in a dynamic, non-repeating pattern.

**Appendix A20.2**  
Stage 4 Specialist Assessment

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## APPENDIX A20.2: STAGE 4 SPECIALIST ASSESSMENTS

### 20.1 Introduction

This appendix includes the topic assessments of cumulative impacts of the BusConnects Galway: Dublin Road Scheme (hereafter referred to as the Proposed Development) and other projects which were shortlisted at Stage 2 for more detailed assessment.

The following topics are not included in the assessment. This is either because the issues are assessed on a more regional basis, or that there were no likely significant potential cumulative effects identified for that topic (refer to Appendix 20.1 in Volume 4 of the EIAR for further details):

- Climate;
- Waste and Resources;
- Material Assets; and
- Risk of Major Accidents and Disaster.

Table A20.2.1 Stage 3 & 4: Traffic and Transport

Application Reference	Local Authority Area	'Other Development' and Brief Description	Assessment of Cumulative Effect with Proposed Project	Proposed Mitigation	Residual Cumulative Effect	Uncertainty, Assumptions & Limitations
314597	Galway City Council	BusConnects Galway Cross-City Link Scheme	Included within Do Minimum scenario (and therefore also included in Do Something scenario), assessed in Chapter 6 of EIAR	No Mitigation	N/A	Scheme was recently approved by ABP
318220 (old no.302848)	Both City and County Councils	N6 Galway City Ring Road Motorway Scheme 2018 and Protected Road Scheme 2018	Scheme was assessed as a sensitivity test in Chapter 6 of EIAR	No Mitigation	Scheme leads to a reduction in traffic within the city, if built and thus has a slight impact on the effect of the Dublin Road Development as a result (lessens the impact of the Dublin Road Development). No Significant residual effects at operational stage are anticipated.	Given uncertainty around scheme being progressed, it was assessed as a sensitivity test, rather than being included in core scenarios assessed

Table A20.2.2 Stage 3 & 4: Air Quality (Construction Dust)

Application Reference	Local Authority Area	'Other Development' and Brief Description	Assessment of Cumulative Effect with Proposed Project	Proposed Mitigation	Residual Cumulative Effect	Uncertainty, Assumptions & Limitations
MP7	Galway City Council	GCC new cemetery development on former playing fields beside Connacht Hotel	Residential receptors identified within 500 m of the planned development. PM <sub>10</sub> background concentrations across Galway reviewed as part of assessment of dust impact on human health. Nationally/internationally designated sites within 20 m/50 m of planned developments assessed.  Construction - pre-mitigation significant effects expected due to planned development in isolation - it follows that a significant cumulative impact is expected.	Proposed Development will have dust mitigation measures in place as part of the CEMP. The planned development will require similar measures.	Construction - no significant residual effects post mitigation. Neutral overall.	Worst-case assumptions made based on professional judgement regarding construction vehicles, building volumes and construction materials. This data is unavailable while development is in planning stage.
303072	Galway City Council	Construction of (a) 2-storey apartment block comprising 4 no. apartments and (b) 4-storey apartment block comprising 10 no. apartments	Residential receptors identified within 500 m of the planned development. PM <sub>10</sub> background concentrations across Galway reviewed as part of assessment of dust impact on human health. Nationally/internationally designated sites within 20 m/50 m of planned developments assessed.  Construction - pre-mitigation significant effects expected due to planned development in isolation - it follows that a significant cumulative impact is expected.	Proposed Development will have dust mitigation measures in place as part of the CEMP. The planned development will require similar measures.	Construction - no significant residual effects post mitigation. Neutral overall.	Worst-case assumptions made based on professional judgement regarding construction vehicles, building volumes and construction materials. This data is unavailable while development is in planning stage.
314597	Galway City Council	BusConnects Galway Cross-City Link Scheme	Residential receptors identified within 500 m of the planned development. PM <sub>10</sub> background concentrations across Galway reviewed as part of assessment of dust impact on human health. Nationally/internationally designated sites within 20 m/50 m of planned developments assessed.  Construction - pre-mitigation significant effects expected due to planned development in isolation - it follows that a significant cumulative impact is expected.	Proposed Development will have dust mitigation measures in place as part of the CEMP. The planned development will require similar measures.	Construction - no significant residual effects post mitigation. Neutral overall.	Worst-case assumptions made based on professional judgement regarding construction vehicles, building volumes and construction materials. This data is unavailable while development is in planning stage.

Application Reference	Local Authority Area	'Other Development' and Brief Description	Assessment of Cumulative Effect with Proposed Project	Proposed Mitigation	Residual Cumulative Effect	Uncertainty, Assumptions & Limitations
313997	ABP	Permission for development which will consist of the demolition of the existing single story dwelling and outbuilding. The construction of: 6 no. residential units comprising 3 no. 1 x bedroom ground floor apartments, 3 no. first floor 2 x bedroom duplex apartments, all within 2 no. three storey residential buildings, 1 x single storey bin and bike store, carparking for 8 no. cars, site boundaries upgrade, all associated site works, hard and soft landscaping	Residential receptors identified within 500 m of the planned development. PM <sub>10</sub> background concentrations across Galway reviewed as part of assessment of dust impact on human health. Nationally/internationally designated sites within 20 m/50 m of planned developments assessed.  Construction - pre-mitigation significant effects expected due to planned development in isolation - it follows that a significant cumulative impact is expected.	Proposed Development will have dust mitigation measures in place as part of the CEMP. The planned development will require similar measures.	Construction - no significant residual effects post mitigation. Neutral overall.	Worst-case assumptions made based on professional judgement regarding construction vehicles, building volumes and construction materials. This data is unavailable while development is in planning stage.
310797	ABP	Demolition of existing silage concrete apron, construction of 102 no. residential units (35 no. apartments, 67 no. houses), creche and associated site works.	Residential receptors identified within 500 m of the planned development. PM <sub>10</sub> background concentrations across Galway reviewed as part of assessment of dust impact on human health. Nationally/internationally designated sites within 20 m/50 m of planned developments assessed.  Construction - pre-mitigation significant effects expected due to planned development in isolation - it follows that a significant cumulative impact is expected.	Proposed Development will have dust mitigation measures in place as part of the CEMP. The planned development will require similar measures.	Construction - no significant residual effects post mitigation. Neutral overall.	Worst-case assumptions made based on professional judgement regarding construction vehicles, building volumes and construction materials. This data is unavailable while development is in planning stage.
310568	ABP	10 year permission - construction of mixed use regeneration project including 376 no. apartments, retail units, cafe/restaurant/bar units, Hotel, office use, childcare facility, car parking and other services and associated site works. (Protected Structure). NIS and EIAR submitted with the planning application.	Residential receptors identified within 500 m of the planned development. PM <sub>10</sub> background concentrations across Galway reviewed as part of assessment of dust impact on human health. Nationally/internationally designated sites within 20 m/50 m of planned developments assessed.  Construction - pre-mitigation significant effects expected due to planned development in isolation - it follows that a significant cumulative impact is expected.	Proposed Development will have dust mitigation measures in place as part of the CEMP. The planned development will require similar measures.	Construction - no significant residual effects post mitigation. Neutral overall.	Worst-case assumptions made based on professional judgement regarding construction vehicles, building volumes and construction materials. This data is unavailable while development is in planning stage.
17333	GCC	Permission for development which will consist of New Additional Car Parking Spaces and Associated Site Development Works	Residential receptors identified within 500 m of the planned development. PM <sub>10</sub> background concentrations across Galway reviewed as part of assessment of dust impact on human health. Nationally/internationally designated sites within 20 m/50 m of planned developments assessed.  Construction - pre-mitigation significant effects expected due to planned development in isolation - it follows that a significant cumulative impact is expected.	Proposed Development will have dust mitigation measures in place as part of the CEMP. The planned development will require similar measures.	Construction - no significant residual effects post mitigation. Neutral overall.	Worst-case assumptions made based on professional judgement regarding construction vehicles, building volumes and construction materials. This data is unavailable while development is in planning stage.
18398	GCC	Permission for development which will consist of a) Construction of a new 3,640 sq. m. single storey special school; b) construction of a 39 sq. m. single storey ancillary storage shed; c) all associated site development works including works to the existing Woodlands campus entrance, revised access road, staff and visitor car parking, bus drop-off areas, new perimeter boundary walls and fences, removal of selected trees and new ancillary site signage; d) all associated site services including surface and foul water drainage rainwater harvesting system, underground rainwater tanks and site lighting	Residential receptors identified within 500 m of the planned development. PM <sub>10</sub> background concentrations across Galway reviewed as part of assessment of dust impact on human health. Nationally/internationally designated sites within 20 m/50 m of planned developments assessed.  Construction - pre-mitigation significant effects expected due to planned development in isolation - it follows that a significant cumulative impact is expected.	Proposed Development will have dust mitigation measures in place as part of the CEMP. The planned development will require similar measures.	Construction - no significant residual effects post mitigation. Neutral overall.	Worst-case assumptions made based on professional judgement regarding construction vehicles, building volumes and construction materials. This data is unavailable while development is in planning stage.
21234	GCC	Permission for development which consists of the construction of a 182sqm single storey extension to the Operating Theatre Department, and a 60sqm extension of the existing Theatre Plantroom on the first floor level, and associated works	Residential receptors identified within 500 m of the planned development. PM <sub>10</sub> background concentrations across Galway reviewed as part of assessment of dust impact on human health. Nationally/internationally designated sites within 20 m/50 m of planned developments assessed.  Construction - pre-mitigation significant effects expected due to planned development in isolation - it follows that a significant cumulative impact is expected.	Proposed Development will have dust mitigation measures in place as part of the CEMP. The planned development will require similar measures.	Construction - no significant residual effects post mitigation. Neutral overall.	Worst-case assumptions made based on professional judgement regarding construction vehicles, building volumes and construction materials. This data is unavailable while development is in planning stage.

Application Reference	Local Authority Area	'Other Development' and Brief Description	Assessment of Cumulative Effect with Proposed Project	Proposed Mitigation	Residual Cumulative Effect	Uncertainty, Assumptions & Limitations
2360002	GCC	Permission for development which consists of construction of a 181m <sup>2</sup> single storey extension to the Theatre Department, and a louvre screen 1.5m high around 60m <sup>2</sup> external Theatre Plant on the first-floor level, and associated works	Residential receptors identified within 500 m of the planned development. PM <sub>10</sub> background concentrations across Galway reviewed as part of assessment of dust impact on human health. Nationally/internationally designated sites within 20 m/50 m of planned developments assessed.  Construction - pre-mitigation significant effects expected due to planned development in isolation - it follows that a significant cumulative impact is expected.	Proposed Development will have dust mitigation measures in place as part of the CEMP. The planned development will require similar measures.	Construction - no significant residual effects post mitigation. Neutral overall.	Worst-case assumptions made based on professional judgement regarding construction vehicles, building volumes and construction materials. This data is unavailable while development is in planning stage.
18413	GCC	Permission for the revision to previously permitted housing redevelopment (Pl. Reg. Ref. No. 16/308). Under Pl. Ref. No. 16/308 permission was granted for the demolition of the 3 no. existing houses on site and the construction of 6 no. terraced houses with a consolidated new entrance onto the Dublin Road. The proposed development will consist of the following revisions: (1) Construction of 2 no. additional residential units (comprising of 1 no. three bed townhouse and 1 no. two bed townhouses) on an enlarged site, to the south/rear of the 6 no. permitted terraced houses. (2) Revisions to previously permitted layout to included for a revised landscaping layout and revised back garden extents to the permitted terraced houses. (3) Provision of additional surface car parking spaces additional communal open space, private open spaces and public lighting to serve the proposed 2 no. additional townhouses, together with all associated site works and services	Residential receptors identified within 500 m of the planned development. PM <sub>10</sub> background concentrations across Galway reviewed as part of assessment of dust impact on human health. Nationally/internationally designated sites within 20 m/50 m of planned developments assessed.  Construction - pre-mitigation significant effects expected due to planned development in isolation - it follows that a significant cumulative impact is expected.	Proposed Development will have dust mitigation measures in place as part of the CEMP. The planned development will require similar measures.	Construction - no significant residual effects post mitigation. Neutral overall.	Worst-case assumptions made based on professional judgement regarding construction vehicles, building volumes and construction materials. This data is unavailable while development is in planning stage.
16294	GCC	Permission for the demolition of buildings and associated structures (Dawn Dairies)	Residential receptors identified within 500 m of the planned development. PM <sub>10</sub> background concentrations across Galway reviewed as part of assessment of dust impact on human health. Nationally/internationally designated sites within 20 m/50 m of planned developments assessed.  Construction - pre-mitigation significant effects expected due to planned development in isolation - it follows that a significant cumulative impact is expected.	Proposed Development will have dust mitigation measures in place as part of the CEMP. The planned development will require similar measures.	Construction - no significant residual effects post mitigation. Neutral overall.	Worst-case assumptions made based on professional judgement regarding construction vehicles, building volumes and construction materials. This data is unavailable while development is in planning stage.
2119	GCC	Permission for development which will consist of a two storey residential extension to the rear. The proposed extension will consist of a single storey bicycle store to the South side of the property with pitched roof and new façade replacing existing side garden access. The rear extension to existing kitchen will be line with existing utility room at ground floor with extension of two existing bedrooms at first floor (over), one which will have an en suite within the existing bedroom footprint. The new windows to the West facing first floor bedrooms are so designed as to ensure there is no overlooking to any of their neighbors by way of obscured glazing to fixed frames. It is intended to retain all existing public services, the foul sewer will remain as is with two number new gutter connections to existing surface water sewer.	Residential receptors identified within 500 m of the planned development. PM <sub>10</sub> background concentrations across Galway reviewed as part of assessment of dust impact on human health. Nationally/internationally designated sites within 20 m/50 m of planned developments assessed.  Construction - pre-mitigation significant effects expected due to planned development in isolation - it follows that a significant cumulative impact is expected.	Proposed Development will have dust mitigation measures in place as part of the CEMP. The planned development will require similar measures.	Construction - no significant residual effects post mitigation. Neutral overall.	Worst-case assumptions made based on professional judgement regarding construction vehicles, building volumes and construction materials. This data is unavailable while development is in planning stage.
2276	GCC	Permission for development which will consist of the construction of a single dwelling house and the provision of a new vehicular access point and all other ancillary site services	Residential receptors identified within 500 m of the planned development. PM <sub>10</sub> background concentrations across Galway reviewed as part of assessment of dust impact on human health. Nationally/internationally designated sites within 20 m/50 m of planned developments assessed.  Construction - pre-mitigation significant effects expected due to planned development in isolation - it follows that a significant cumulative impact is expected.	Proposed Development will have dust mitigation measures in place as part of the CEMP. The planned development will require similar measures.	Construction - no significant residual effects post mitigation. Neutral overall.	Worst-case assumptions made based on professional judgement regarding construction vehicles, building volumes and construction materials. This data is unavailable while development is in planning stage.

Application Reference	Local Authority Area	'Other Development' and Brief Description	Assessment of Cumulative Effect with Proposed Project	Proposed Mitigation	Residual Cumulative Effect	Uncertainty, Assumptions & Limitations
24/60226	GCC	Permission for development which consists of a new 949m <sup>3</sup> underground storage tank and all associated works. The underground storage tank will provide additional wastewater storage capacity to the Merlin Park pumping station. Associated works include site clearance works, overground kiosks and passive odour control units, underground sewerage manholes, watermain chambers, tank washdown units, tank mixer, 2.4m high security fencing including vehicular and pedestrian gates and 0.45m high wall, bollards, filter drains, etc. Landscaping on the site will include new trees, grassed areas, wildflower areas, footpaths, filter drains, shrub planting, etc. The existing 1500mm diameter surface water sewer will be diverted to avoid the new storage tank. The application is for a 10 year planning permission	Residential receptors identified within 500 m of the planned development. PM <sub>10</sub> background concentrations across Galway reviewed as part of assessment of dust impact on human health. Nationally/internationally designated sites within 20 m/50 m of planned developments assessed.  Construction - pre-mitigation significant effects expected due to planned development in isolation - it follows that a significant cumulative impact is expected.	Proposed Development will have dust mitigation measures in place as part of the CEMP. The planned development will require similar measures.	Construction - no significant residual effects post mitigation. Neutral overall.	Worst-case assumptions made based on professional judgement regarding construction vehicles, building volumes and construction materials. This data is unavailable while development is in planning stage.
19304	GCC	Permission for development which consists of the construction of 2no. 4 storey blocks of apartments, each containing 16no. units with the following breakdown of residential mix: 5no. 1beds and 11no. 2beds, totaling 32no. units overall. Also, the provision of a new vehicular access point, vehicular parking combined with secure bicycle parking spaces and external communal bin storage to the rear, plant area and photovoltaic units to roof level with landscaping and all other ancillary site-works and services	Residential receptors identified within 500 m of the planned development. PM <sub>10</sub> background concentrations across Galway reviewed as part of assessment of dust impact on human health. Nationally/internationally designated sites within 20 m/50 m of planned developments assessed.  Construction - pre-mitigation significant effects expected due to planned development in isolation - it follows that a significant cumulative impact is expected.	Proposed Development will have dust mitigation measures in place as part of the CEMP. The planned development will require similar measures.	Construction - no significant residual effects post mitigation. Neutral overall.	Worst-case assumptions made based on professional judgement regarding construction vehicles, building volumes and construction materials. This data is unavailable while development is in planning stage.
1995	GCC	Permission for development which consists of the constructing 51 No. one, two and three bedroom apartments and two one bedroom Town Houses in 6 no. Blocks ranging in height from one storey up to four storey, with sewer connection to adjacent pumping station adjacent Dublin road, together with access/egress off the old coast road to Oranmore and all associated services at Doughiska and Merlin Park Townlands.) Previous Planning Ref No. 17/283	Residential receptors identified within 500 m of the planned development. PM <sub>10</sub> background concentrations across Galway reviewed as part of assessment of dust impact on human health. Nationally/internationally designated sites within 20 m/50 m of planned developments assessed.  Construction - pre-mitigation significant effects expected due to planned development in isolation - it follows that a significant cumulative impact is expected.	Proposed Development will have dust mitigation measures in place as part of the CEMP. The planned development will require similar measures.	Construction - no significant residual effects post mitigation. Neutral overall.	Worst-case assumptions made based on professional judgement regarding construction vehicles, building volumes and construction materials. This data is unavailable while development is in planning stage.
21129	GCC	Permission for development and permission for retention which will consist of construction of a two storey extension to commercial building and retention permission for environmental waste storage unit and all associated services	Residential receptors identified within 500 m of the planned development. PM <sub>10</sub> background concentrations across Galway reviewed as part of assessment of dust impact on human health. Nationally/internationally designated sites within 20 m/50 m of planned developments assessed.  Construction - pre-mitigation significant effects expected due to planned development in isolation - it follows that a significant cumulative impact is expected.	Proposed Development will have dust mitigation measures in place as part of the CEMP. The planned development will require similar measures.	Construction - no significant residual effects post mitigation. Neutral overall.	Worst-case assumptions made based on professional judgement regarding construction vehicles, building volumes and construction materials. This data is unavailable while development is in planning stage.
23185	GCC	Permission for development which consists of i) To construct a new standalone warehouse on a brownfield site. ii) To connect to the public drainage and potable water services, and for all associated infrastructure and connections, including a connection to the estate road. iii) For all boundary and site treatments, including the provision of a surface car parking	Residential receptors identified within 500 m of the planned development. PM <sub>10</sub> background concentrations across Galway reviewed as part of assessment of dust impact on human health. Nationally/internationally designated sites within 20 m/50 m of planned developments assessed.  Construction - pre-mitigation significant effects expected due to planned development in isolation - it follows that a significant cumulative impact is expected.	Proposed Development will have dust mitigation measures in place as part of the CEMP. The planned development will require similar measures.	Construction - no significant residual effects post mitigation. Neutral overall.	Worst-case assumptions made based on professional judgement regarding construction vehicles, building volumes and construction materials. This data is unavailable while development is in planning stage.

Application Reference	Local Authority Area	'Other Development' and Brief Description	Assessment of Cumulative Effect with Proposed Project	Proposed Mitigation	Residual Cumulative Effect	Uncertainty, Assumptions & Limitations
222	GCC	Permission for development which will consist of: 1. A 30m2 single storey extension on the North-Eastern side of the Adolescent Unit, consisting of a meeting room, together with associated internal changes. 2. A 56m2 single storey extension on the North-Western side of the Adolescent Unit, consisting of two additional single bedrooms. 3. A 47m2 single storey extension consisting of a link building with one additional bedroom and a homework room between the Children's Unit and the Adolescent Unit on the Southern side of the complex, together with associated internal changes. 4. External alterations to the fenestration in the Special Care Unit on the South-Eastern side of the Adolescent Unit.	Residential receptors identified within 500 m of the planned development. PM <sub>10</sub> background concentrations across Galway reviewed as part of assessment of dust impact on human health. Nationally/internationally designated sites within 20 m/50 m of planned developments assessed.  Construction - pre-mitigation significant effects expected due to planned development in isolation - it follows that a significant cumulative impact is expected.	Proposed Development will have dust mitigation measures in place as part of the CEMP. The planned development will require similar measures.	Construction - no significant residual effects post mitigation. Neutral overall.	Worst-case assumptions made based on professional judgement regarding construction vehicles, building volumes and construction materials. This data is unavailable while development is in planning stage.
23160	GCC	Permission for the following works: 1. A 34m2 single storey extension on the North-Eastern side of the Adolescent Unit, consisting of a meeting room, together with associated internal changes. 2. A 53m2 single storey extension on the North-Western side of the Adolescent Unit, consisting of two additional single bedrooms. 3. A 52m2 single storey extension consisting of a link building with one additional bedroom and Homework Room between the Children's Unit and the Adolescent Unit on the southern side of the complex, together with associated internal changes. 4. External alterations to the fenestration in the Special Care Unit on the South-Eastern side of the Adolescent Unit	Residential receptors identified within 500 m of the planned development. PM <sub>10</sub> background concentrations across Galway reviewed as part of assessment of dust impact on human health. Nationally/internationally designated sites within 20 m/50 m of planned developments assessed.  Construction - pre-mitigation significant effects expected due to planned development in isolation - it follows that a significant cumulative impact is expected.	Proposed Development will have dust mitigation measures in place as part of the CEMP. The planned development will require similar measures.	Construction - no significant residual effects post mitigation. Neutral overall.	Worst-case assumptions made based on professional judgement regarding construction vehicles, building volumes and construction materials. This data is unavailable while development is in planning stage.
18423	GCC	Permission for development which consists of the following:- The provision of a three storey Surgical Hub building (Gross Floor Area: 4,265 sq.m) to include: - Staff Services, Storage and Plant Rooms at Ground Floor Level; - Operating Theatres, Preparation Area, Recovery Area, Waiting Area and ancillary support services at First Floor Level; and -Plant and associated equipment at Second Floor Level. - The provision of roof mounted Solar PV Panels; - The provision of 108 no. car parking spaces (including 6 no. accessible spaces and 20 no. EV charging spaces); - The provision of a new bus stop to be located adjacent to the proposed development; and - All landscaping and other associated site development works required to facilitate the proposed development	Residential receptors identified within 500 m of the planned development. PM <sub>10</sub> background concentrations across Galway reviewed as part of assessment of dust impact on human health. Nationally/internationally designated sites within 20 m/50 m of planned developments assessed.  Construction - pre-mitigation significant effects expected due to planned development in isolation - it follows that a significant cumulative impact is expected.	Proposed Development will have dust mitigation measures in place as part of the CEMP. The planned development will require similar measures.	Construction - no significant residual effects post mitigation. Neutral overall.	Worst-case assumptions made based on professional judgement regarding construction vehicles, building volumes and construction materials. This data is unavailable while development is in planning stage.
21289	GCC	Permission for development which will consist of - Construction of a 2,324.3 sq.m (gross) two- storey Outpatients Department Building. - Construction of a 314.7 sq.m (gross) single storey Adult Cystic Fibrosis Outpatients Building - Construction of 88 no. bay car park (comprising 77 no. bay car park south of proposed Outpatients Department Building and the provision of 11 no. car park bays adjacent to Existing Unit 8) - Provision of pedestrian footpath connection to north to location adjoining Medical Records Building -Provision of bicycle parking, public lighting, roof mounted solar PV panels, roof plant, site landscaping, services, signage and all associated site development works	Residential receptors identified within 500 m of the planned development. PM <sub>10</sub> background concentrations across Galway reviewed as part of assessment of dust impact on human health. Nationally/internationally designated sites within 20 m/50 m of planned developments assessed.  Construction - pre-mitigation significant effects expected due to planned development in isolation - it follows that a significant cumulative impact is expected.	Proposed Development will have dust mitigation measures in place as part of the CEMP. The planned development will require similar measures.	Construction - no significant residual effects post mitigation. Neutral overall.	Worst-case assumptions made based on professional judgement regarding construction vehicles, building volumes and construction materials. This data is unavailable while development is in planning stage.

Application Reference	Local Authority Area	'Other Development' and Brief Description	Assessment of Cumulative Effect with Proposed Project	Proposed Mitigation	Residual Cumulative Effect	Uncertainty, Assumptions & Limitations
2235	GCC	Permission for development which will consist of works to an existing lecture theatre converting it into two engineering laboratories, an engineering workshop and a general science laboratory. The project area of 522 sq metres includes works to the existing façade, provision of new windows, architectural cladding, mechanical flues, AHUs, PV panels and all ancillary site works	Residential receptors identified within 500 m of the planned development. PM <sub>10</sub> background concentrations across Galway reviewed as part of assessment of dust impact on human health. Nationally/internationally designated sites within 20 m/50 m of planned developments assessed.  Construction - pre-mitigation significant effects expected due to planned development in isolation - it follows that a significant cumulative impact is expected.	Proposed Development will have dust mitigation measures in place as part of the CEMP. The planned development will require similar measures.	Construction - no significant residual effects post mitigation. Neutral overall.	Worst-case assumptions made based on professional judgement regarding construction vehicles, building volumes and construction materials. This data is unavailable while development is in planning stage.
23185	GCC	Permission for development which consists of i) To construct a new standalone warehouse on a brownfield site. ii) To connect to the public drainage and potable water services, and for all associated site works.	Residential receptors identified within 500 m of the planned development. PM <sub>10</sub> background concentrations across Galway reviewed as part of assessment of dust impact on human health. Nationally/internationally designated sites within 20 m/50 m of planned developments assessed.  Construction - pre-mitigation significant effects expected due to planned development in isolation - it follows that a significant cumulative impact is expected.	Proposed Development will have dust mitigation measures in place as part of the CEMP. The planned development will require similar measures.	Construction - no significant residual effects post mitigation. Neutral overall.	Worst-case assumptions made based on professional judgement regarding construction vehicles, building volumes and construction materials. This data is unavailable while development is in planning stage.
2360146	GCC	Permission for development which consists of amendments to previously approved development at this site at Murrrough, Dublin Rd. Galway City. Planning Reference 19/304. The permitted development consists of the construction of 1no. 4 storey blocks of apartments, each containing 32no. units with the following breakdown of residential mix: 12no. 1beds and 20no. 2beds, totalling 32no. units overall. Also, the provision of a new vehicular access point, vehicular parking combined with secure bicycle parking spaces and external communal bin storage to the rear, plant area and photovoltaic units to roof level with landscaping and all other ancillary site-works and services. The proposed amendments consist of solely changes to site boundaries.	Residential receptors identified within 500 m of the planned development. PM <sub>10</sub> background concentrations across Galway reviewed as part of assessment of dust impact on human health. Nationally/internationally designated sites within 20 m/50 m of planned developments assessed.  Construction - pre-mitigation significant effects expected due to planned development in isolation - it follows that a significant cumulative impact is expected.	Proposed Development will have dust mitigation measures in place as part of the CEMP. The planned development will require similar measures.	Construction - no significant residual effects post mitigation. Neutral overall.	Worst-case assumptions made based on professional judgement regarding construction vehicles, building volumes and construction materials. This data is unavailable while development is in planning stage.
2460078	GCC	Permission for development which consists of: 3No dwelling units, comprising of 2No one bed single storey units of 51 Sq.M. each in a semi-detached configuration and 1No two-bed detached single storey unit of 66.9 Sq.M. along with enclosing side garden walls & gates and dividing rear garden walls. Along with all necessary and associated site works to include extension of existing internal roadway, relocation of 2No. existing car park spaces and provision of 2No. additional car park spaces, provision of paths and continuation of street lighting etc and connection to existing service utilities to include potable, surface and foul water connections within the Garrai Caol development	Residential receptors identified within 500 m of the planned development. PM <sub>10</sub> background concentrations across Galway reviewed as part of assessment of dust impact on human health. Nationally/internationally designated sites within 20 m/50 m of planned developments assessed.  Construction - pre-mitigation significant effects expected due to planned development in isolation - it follows that a significant cumulative impact is expected.	Proposed Development will have dust mitigation measures in place as part of the CEMP. The planned development will require similar measures.	Construction - no significant residual effects post mitigation. Neutral overall.	Worst-case assumptions made based on professional judgement regarding construction vehicles, building volumes and construction materials. This data is unavailable while development is in planning stage.
2460058	GCC	Permission for a development which consists of the demolition of 3 no. buildings on lands at Merlin Park University Hospital, Galway. The proposed development comprises the following: • Demolition of the former mortuary building (GFA: 131.5m <sup>2</sup> ); • Demolition of the security hut (GFA: 13.5m <sup>2</sup> ); and • Demolition of the pump house (GFA: 21.45m <sup>2</sup> ). The proposed development includes for all site development works and services ancillary to the proposed development	Residential receptors identified within 500 m of the planned development. PM <sub>10</sub> background concentrations across Galway reviewed as part of assessment of dust impact on human health. Nationally/internationally designated sites within 20 m/50 m of planned developments assessed.  Construction - pre-mitigation significant effects expected due to planned development in isolation - it follows that a significant cumulative impact is expected.	Proposed Development will have dust mitigation measures in place as part of the CEMP. The planned development will require similar measures.	Construction - no significant residual effects post mitigation. Neutral overall.	Worst-case assumptions made based on professional judgement regarding construction vehicles, building volumes and construction materials. This data is unavailable while development is in planning stage.

Application Reference	Local Authority Area	'Other Development' and Brief Description	Assessment of Cumulative Effect with Proposed Project	Proposed Mitigation	Residual Cumulative Effect	Uncertainty, Assumptions & Limitations
2460107	GCC	Permission for development which will consist of a new 686sq meter, two-storey modular building, containing replacement classrooms and ancillary offices and all associated site works at the rear of the site adjacent to the existing gym building.	Residential receptors identified within 500 m of the planned development. PM <sub>10</sub> background concentrations across Galway reviewed as part of assessment of dust impact on human health. Nationally/internationally designated sites within 20 m/50 m of planned developments assessed.  Construction - pre-mitigation significant effects expected due to planned development in isolation - it follows that a significant cumulative impact is expected.	Proposed Development will have dust mitigation measures in place as part of the CEMP. The planned development will require similar measures.	Construction - no significant residual effects post mitigation. Neutral overall.	Worst-case assumptions made based on professional judgement regarding construction vehicles, building volumes and construction materials. This data is unavailable while development is in planning stage.
2411	GCC	Permission for a development which consists of 1. Demolition of existing Dormer Dwelling house 2. The construction of 4 no. 2 Bed Townhouses in a single storey block, with associated site works and services 3. New relocated Vehicular Front Entrance to proposed townhouses with acceptable road sight lines	Residential receptors identified within 500 m of the planned development. PM <sub>10</sub> background concentrations across Galway reviewed as part of assessment of dust impact on human health. Nationally/internationally designated sites within 20 m/50 m of planned developments assessed.  Construction - pre-mitigation significant effects expected due to planned development in isolation - it follows that a significant cumulative impact is expected.	Proposed Development will have dust mitigation measures in place as part of the CEMP. The planned development will require similar measures.	Construction - no significant residual effects post mitigation. Neutral overall.	Worst-case assumptions made based on professional judgement regarding construction vehicles, building volumes and construction materials. This data is unavailable while development is in planning stage.
2460098	GCC	Permission for development on lands at Merlin Park Hospital Merlin Park Galway which consists of an amendment to planning permission reference 23/160. The proposed development comprises the following: • The provision of a three storey Surgical Hub building (Gross Floor Area: 4,330 sq.m) to include: o Staff Services, Storage and Plant Rooms at Ground Floor Level; o Operating Theatres, Preparation Area, Recovery Area, Waiting Area and ancillary support services at First Floor Level; and o Plant and associated equipment at Second Floor Level. • The provision of roof mounted Solar PV Panels; • The provision of 108 no. car parking spaces (including 6 no. accessible spaces and 20 no. EV charging spaces); • The provision of a new bus stop to be located adjacent to the proposed development; and • All landscaping and other associated site development works required to facilitate the proposed development.	Residential receptors identified within 500 m of the planned development. PM <sub>10</sub> background concentrations across Galway reviewed as part of assessment of dust impact on human health. Nationally/internationally designated sites within 20 m/50 m of planned developments assessed.  Construction - pre-mitigation significant effects expected due to planned development in isolation - it follows that a significant cumulative impact is expected.	Proposed Development will have dust mitigation measures in place as part of the CEMP. The planned development will require similar measures.	Construction - no significant residual effects post mitigation. Neutral overall.	Worst-case assumptions made based on professional judgement regarding construction vehicles, building volumes and construction materials. This data is unavailable while development is in planning stage.
2432	GCC	Permission for development which consists of; (a) 2-storey apartment block with 2x2 bed apartments and 2x3 bed apartments with an overall floor area of 381.76m <sup>2</sup> , (b) 4-storey apartment block with 2x1 bed apartments and 8x2 bed apartments with overall floor area of 772.1m <sup>2</sup> , access road, car parking facilities, bin storage, bicycle stands, landscaping and connection to public sewer system and all associated site works	Residential receptors identified within 500 m of the planned development. PM <sub>10</sub> background concentrations across Galway reviewed as part of assessment of dust impact on human health. Nationally/internationally designated sites within 20 m/50 m of planned developments assessed.  Construction - pre-mitigation significant effects expected due to planned development in isolation - it follows that a significant cumulative impact is expected.	Proposed Development will have dust mitigation measures in place as part of the CEMP. The planned development will require similar measures.	Construction - no significant residual effects post mitigation. Neutral overall.	Worst-case assumptions made based on professional judgement regarding construction vehicles, building volumes and construction materials. This data is unavailable while development is in planning stage.
24/60244	GCC	Permission for development which consists of; the demolition of 3 No. existing dwellings and the construction of a 4 storey apartment building containing 24 No. residential units (10 No. 1 bed, 13 No. 2 bed and 1 No. 3 bed) and all associated site and external works including a revised site entrance, ancillary sheltered bin and bike stores and drainage connections. at 47, 49 & 51 Dublin Road Galway Co. Galway H91 Y7WP	Residential receptors identified within 500 m of the planned development. PM <sub>10</sub> background concentrations across Galway reviewed as part of assessment of dust impact on human health. Nationally/internationally designated sites within 20 m/50 m of planned developments assessed.  Construction - pre-mitigation significant effects expected due to planned development in isolation - it follows that a significant cumulative impact is expected.	Proposed Development will have dust mitigation measures in place as part of the CEMP. The planned development will require similar measures.	Construction - no significant residual effects post mitigation. Neutral overall.	Worst-case assumptions made based on professional judgement regarding construction vehicles, building volumes and construction materials. This data is unavailable while development is in planning stage.
LA3/2023	GCC Pt. 8	To provide a segregated high quality cycle route along the R865 Ballybane Road and the L5029 Castlepark Road, Galway; entitled "Ballybane Road and Castlepark Road Cycle Network Scheme"	Residential receptors identified within 500 m of the planned development. PM <sub>10</sub> background concentrations across Galway reviewed as part of assessment of dust impact on human health. Nationally/internationally designated sites within 20 m/50 m of planned developments assessed.  Construction - pre-mitigation significant effects expected due to planned	Proposed Development will have dust mitigation measures in place as part of the CEMP. The planned development will require similar measures.	Construction - no significant residual effects post mitigation. Neutral overall.	Worst-case assumptions made based on professional judgement regarding construction vehicles, building volumes and construction materials. This data is unavailable while development is in planning stage.

Application Reference	Local Authority Area	'Other Development' and Brief Description	Assessment of Cumulative Effect with Proposed Project	Proposed Mitigation	Residual Cumulative Effect	Uncertainty, Assumptions & Limitations
			development in isolation - it follows that a significant cumulative impact is expected.			
LA1/2021	GCC Pt. 8	It is proposed to build a social and affordable housing development of 103 units in two and three storey buildings on lands belonging to Galway City Council at Merlin Woods, Galway. The proposed 103 units comprise 79% houses and 21% apartments/duplexes,	Residential receptors identified within 500 m of the planned development. PM <sub>10</sub> background concentrations across Galway reviewed as part of assessment of dust impact on human health. Nationally/internationally designated sites within 20 m/50 m of planned developments assessed.  Construction - pre-mitigation significant effects expected due to planned development in isolation - it follows that a significant cumulative impact is expected.	Proposed Development will have dust mitigation measures in place as part of the CEMP. The planned development will require similar measures.	Construction - no significant residual effects post mitigation. Neutral overall.	Worst-case assumptions made based on professional judgement regarding construction vehicles, building volumes and construction materials. This data is unavailable while development is in planning stage.

Table A20.2.3 Stage 3 & 4: Noise & Vibration

Application Reference	Local Authority Area	'Other Development' and Brief Description	Assessment of Cumulative Effect with Proposed Project	Proposed Mitigation	Residual Cumulative Effect	Uncertainty, Assumptions & Limitations
314597	ABP	BusConnects Galway Cross-City Link Scheme	Potential cumulative impacts if both projects under construction at same time. The highest noise impacts associated with the Proposed Development are calculated at NSLs along the immediate boundary of the proposed construction works (typically within 50m of a specific working area). Due to the linear nature of works associated with the Proposed Development, construction noise impacts will occur over temporary periods at any one location. Construction activities associated with the Proposed Development will therefore dominate noise levels at the closest NSLs to the Proposed Development when occurring in their proximity. Proximity of planned development is within 200m from Proposed Development and NSLs adjacent to both have potential to experience cumulative impacts if construction occurs at same time. Operational phase traffic noise impacts are assessed as part of the Proposed Development EIAR and do not result in any cumulative noise impacts	To ensure that construction activities associated with the Proposed Development are controlled at the closest NSLs, a series of mitigation measures will be implemented throughout the construction phase. These measures are set out in Section 9.5.1. of Chapter 9 (Noise and Vibration) and the Construction Environmental Management Plan CEMP of the EIAR for the Proposed Development. The planned development has incorporated similar control measures	Magnitude of noise impacts will be dominated by Proposed Development at NSLs and therefore as described for the Proposed Development alone in Section 9.4.3 of Chapter 9 (Noise and Vibration). Potential for temporary increase in cumulative construction noise if both occur at same time. No significant residual cumulative effects post mitigation.	Assumptions made based basis both projects are under construction at same time. Assumptions on effects based on professional judgement. Both projects will use specific noise abatement measures where reasonably practicable and comply with the recommendations of BS 5228-1 and European Communities Noise Emissions by Equipment for Use Outdoors (Amendment) Regulations 2006 (S.I. No 241/2006).
313997	ABP	Permission for development which will consist of the demolition of the existing single story dwelling and outbuilding. The construction of: 6 no. residential units comprising 3 no. 1 x bedroom ground floor apartments, 3 no. first floor 2 x bedroom duplex apartments, all within 2 no. three storey residential buildings, 1 x single storey bin and bike store, carparking for 8 no. cars, site boundaries upgrade, all associated site works, hard and soft landscaping	Potential cumulative impacts if both projects under construction at same time. The highest noise impacts associated with the Proposed Development are calculated at NSLs along the immediate boundary of the proposed construction works (typically within 50m of a specific working area). Due to the linear nature of works associated with the Proposed Development, construction noise impacts will occur over temporary periods at any one location. Construction activities associated with the Proposed Development will therefore dominate noise levels at the closest NSLs to the Proposed Development when occurring in their proximity. Proximity of planned development is within 200m from Proposed Development and NSLs adjacent to both have potential to experience cumulative impacts if construction occurs at same time. No cumulative operational noise impacts	To ensure that construction activities associated with the Proposed Development are controlled at the closest NSLs, a series of mitigation measures will be implemented throughout the construction phase. These measures are set out in Section 9.5.1. of Chapter 9 (Noise and Vibration) and the Construction Environmental Management Plan CEMP of the EIAR for the Proposed Development. The planned development will require similar measures.	Magnitude of noise impacts will be dominated by Proposed Development at NSLs and therefore as described for the Proposed Development alone in Section 9.4.3 of Chapter 9 (Noise and Vibration). Potential for temporary increase in cumulative construction noise if both occur at same time. No significant residual cumulative	Assumptions made based basis both projects are under construction at same time. Assumptions on effects based on professional judgement. Detailed data on third party project construction programmes, mitigation and environmental management proposals are not available to inform detailed assessment. It is assumed that third party contractors will use specific noise abatement measures where reasonably practicable and comply with the recommendations of BS 5228-1 and European Communities Noise Emissions by Equipment for Use Outdoors (Amendment) Regulations 2006 (S.I. No 241/2006).

Application Reference	Local Authority Area	'Other Development' and Brief Description	Assessment of Cumulative Effect with Proposed Project	Proposed Mitigation	Residual Cumulative Effect	Uncertainty, Assumptions & Limitations
					effects post mitigation.	
310797	ABP	Demolition of existing silage concrete apron, construction of 102 no. residential units (35 no. apartments, 67 no. houses), creche and associated site works.	Potential cumulative impacts if both projects under construction at same time. The highest noise impacts associated with the Proposed Development are calculated at NSLs along the immediate boundary of the proposed construction works (typically within 50m of a specific working area). Due to the linear nature of works associated with the Proposed Development, construction noise impacts will occur over temporary periods at any one location. Construction activities associated with the Proposed Development will therefore dominate noise levels at the closest NSLs to the Proposed Development when occurring in their proximity. Proximity of planned development is within 200m from Proposed Development and NSLs adjacent to both have potential to experience cumulative impacts if construction occurs at same time. No cumulative operational noise impacts	To ensure that construction activities associated with the Proposed Development are controlled at the closest NSLs, a series of mitigation measures will be implemented throughout the construction phase. These measures are set out in Section 9.5.1. of Chapter 9 (Noise and Vibration) and the Construction Environmental Management Plan CEMP of the EIAR for the Proposed Development. The planned development will require similar measures.	Magnitude of noise impacts will be dominated by Proposed Development at NSLs and therefore as described for the Proposed Development alone in Section 9.4.3 of Chapter 9 (Noise and Vibration). Potential for temporary increase in cumulative construction noise if both occur at same time. No significant residual cumulative effects post mitigation.	Assumptions made based basis both projects are under construction at same time. Assumptions on effects based on professional judgement. Detailed data on third party project construction programmes, mitigation and environmental management proposals are not available to inform detailed assessment. It is assumed that third party contractors will use specific noise abatement measures where reasonably practicable and comply with the recommendations of BS 5228-1 and European Communities Noise Emissions by Equipment for Use Outdoors (Amendment) Regulations 2006 (S.I. No 241/2006).
17333	GCC	Permission for development which will consist of New Additional Car Parking Spaces and Associated Site Development Works	Potential cumulative impacts if both projects under construction at same time. The highest noise impacts associated with the Proposed Development are calculated at NSLs along the immediate boundary of the proposed construction works (typically within 50m of a specific working area). Due to the linear nature of works associated with the Proposed Development, construction noise impacts will occur over temporary periods at any one location. Construction activities associated with the Proposed Development will therefore dominate noise levels at the closest NSLs to the Proposed Development when occurring in their proximity. Proximity of planned development is within 200m from Proposed Development and NSLs adjacent to both have potential to experience cumulative impacts if construction occurs at same time. No cumulative operational noise impacts	To ensure that construction activities associated with the Proposed Development are controlled at the closest NSLs, a series of mitigation measures will be implemented throughout the construction phase. These measures are set out in Section 9.5.1. of Chapter 9 (Noise and Vibration) and the Construction Environmental Management Plan CEMP of the EIAR for the Proposed Development. The planned development will require similar measures.	Magnitude of noise impacts will be dominated by Proposed Development at NSLs and therefore as described for the Proposed Development alone in Section 9.4.3 of Chapter 9 (Noise and Vibration). Potential for temporary increase in cumulative construction noise if both occur at same time. No significant residual cumulative effects post mitigation.	Assumptions made based basis both projects are under construction at same time. Assumptions on effects based on professional judgement. Detailed data on third party project construction programmes, mitigation and environmental management proposals are not available to inform detailed assessment. It is assumed that third party contractors will use specific noise abatement measures where reasonably practicable and comply with the recommendations of BS 5228-1 and European Communities Noise Emissions by Equipment for Use Outdoors (Amendment) Regulations 2006 (S.I. No 241/2006).
18398	GCC	Permission for development which will consist of a) Construction of a new 3,640 sq. m. single storey special school; b) construction of a 39 sq. m. single storey ancillary storage shed; c) all associated site development works including works to the existing Woodlands campus entrance, revised access road, staff and visitor car parking, bus drop-off areas, new perimeter boundary walls and fences, removal of selected trees and new ancillary site signage; d) all associated site services including surface and foul water drainage rainwater harvesting system, underground rainwater tanks and site lighting	Potential cumulative impacts if both projects under construction at same time. The highest noise impacts associated with the Proposed Development are calculated at NSLs along the immediate boundary of the proposed construction works (typically within 50m of a specific working area). Due to the linear nature of works associated with the Proposed Development, construction noise impacts will occur over temporary periods at any one location. Construction activities associated with the Proposed Development will therefore dominate noise levels at the closest NSLs to the Proposed Development when occurring in their proximity. Proximity of planned development is within 200m from Proposed Development and NSLs adjacent to both have potential to experience cumulative impacts if construction occurs at same time. No cumulative operational noise impacts	To ensure that construction activities associated with the Proposed Development are controlled at the closest NSLs, a series of mitigation measures will be implemented throughout the construction phase. These measures are set out in Section 9.5.1. of Chapter 9 (Noise and Vibration) and the Construction Environmental Management Plan CEMP of the EIAR for the Proposed Development. The planned development will require similar measures.	Magnitude of noise impacts will be dominated by Proposed Development at NSLs and therefore as described for the Proposed Development alone in Section 9.4.3 of Chapter 9 (Noise and Vibration). Potential for temporary increase in cumulative construction noise if	Assumptions made based basis both projects are under construction at same time. Assumptions on effects based on professional judgement. Detailed data on third party project construction programmes, mitigation and environmental management proposals are not available to inform detailed assessment. It is assumed that third party contractors will use specific noise abatement measures where reasonably practicable and comply with the recommendations of BS 5228-1 and European Communities Noise Emissions by Equipment for Use Outdoors

Application Reference	Local Authority Area	'Other Development' and Brief Description	Assessment of Cumulative Effect with Proposed Project	Proposed Mitigation	Residual Cumulative Effect	Uncertainty, Assumptions & Limitations
					both occur at same time. No significant residual cumulative effects post mitigation.	(Amendment) Regulations 2006 (S.I. No 241/2006).
21234	GCC	Permission for development which consists of the construction of a 182sqm single storey extension to the Operating Theatre Department, and a 60sqm extension of the existing Theatre Plantroom on the first floor level, and associated works	Potential cumulative impacts if both projects under construction at same time. The highest noise impacts associated with the Proposed Development are calculated at NSLs along the immediate boundary of the proposed construction works (typically within 50m of a specific working area). Due to the linear nature of works associated with the Proposed Development, construction noise impacts will occur over temporary periods at any one location. Construction activities associated with the Proposed Development will therefore dominate noise levels at the closest NSLs to the Proposed Development when occurring in their proximity. Proximity of planned development is within 200m from Proposed Development and NSLs adjacent to both have potential to experience cumulative impacts if construction occurs at same time. No cumulative operational noise impacts	To ensure that construction activities associated with the Proposed Development are controlled at the closest NSLs, a series of mitigation measures will be implemented throughout the construction phase. These measures are set out in Section 9.5.1. of Chapter 9 (Noise and Vibration) and the Construction Environmental Management Plan CEMP of the EIAR for the Proposed Development. The planned development will require similar measures.	Magnitude of noise impacts will be dominated by Proposed Development at NSLs and therefore as described for the Proposed Development alone in Section 9.4.3 of Chapter 9 (Noise and Vibration). Potential for temporary increase in cumulative construction noise if both occur at same time. No significant residual cumulative effects post mitigation.	Assumptions made based basis both projects are under construction at same time. Assumptions on effects based on professional judgement. Detailed data on third party project construction programmes, mitigation and environmental management proposals are not available to inform detailed assessment. It is assumed that third party contractors will use specific noise abatement measures where reasonably practicable and comply with the recommendations of BS 5228-1 and European Communities Noise Emissions by Equipment for Use Outdoors (Amendment) Regulations 2006 (S.I. No 241/2006).
2360002	GCC	Permission for development which consists of construction of a 181m2 single storey extension to the Theatre Department, and a louvre screen 1.5m high around 60m2 external Theatre Plant on the first-floor level, and associated works	Potential cumulative impacts if both projects under construction at same time. The highest noise impacts associated with the Proposed Development are calculated at NSLs along the immediate boundary of the proposed construction works (typically within 50m of a specific working area). Due to the linear nature of works associated with the Proposed Development, construction noise impacts will occur over temporary periods at any one location. Construction activities associated with the Proposed Development will therefore dominate noise levels at the closest NSLs to the Proposed Development when occurring in their proximity. Proximity of planned development is within 200m from Proposed Development and NSLs adjacent to both have potential to experience cumulative impacts if construction occurs at same time. No cumulative operational noise impacts	To ensure that construction activities associated with the Proposed Development are controlled at the closest NSLs, a series of mitigation measures will be implemented throughout the construction phase. These measures are set out in Section 9.5.1. of Chapter 9 (Noise and Vibration) and the Construction Environmental Management Plan CEMP of the EIAR for the Proposed Development. The planned development will require similar measures.	Magnitude of noise impacts will be dominated by Proposed Development at NSLs and therefore as described for the Proposed Development alone in Section 9.4.3 of Chapter 9 (Noise and Vibration). Potential for temporary increase in cumulative construction noise if both occur at same time. No significant residual cumulative effects post mitigation.	Assumptions made based basis both projects are under construction at same time. Assumptions on effects based on professional judgement. Detailed data on third party project construction programmes, mitigation and environmental management proposals are not available to inform detailed assessment. It is assumed that third party contractors will use specific noise abatement measures where reasonably practicable and comply with the recommendations of BS 5228-1 and European Communities Noise Emissions by Equipment for Use Outdoors (Amendment) Regulations 2006 (S.I. No 241/2006).
18413	GCC	Permission for the revision to previously permitted housing redevelopment (Pl. Reg. Ref. No. 16/308). Under Pl. Ref. No. 16/308 permission was granted for the demolition of the 3 no. existing houses on site and the construction of 6 no. terraced houses with a consolidated new entrance onto the Dublin Road. The proposed development will consist of the following revisions: (1) Construction of 2 no. additional residential units (comprising of 1 no. three bed townhouse and 1 no. two bed townhouses) on an enlarged site, to the south/rear of the 6 no. permitted terraced houses. (2) Revisions to previously permitted layout to included for a	Potential cumulative impacts if both projects under construction at same time. The highest noise impacts associated with the Proposed Development are calculated at NSLs along the immediate boundary of the proposed construction works (typically within 50m of a specific working area). Due to the linear nature of works associated with the Proposed Development, construction noise impacts will occur over temporary periods at any one location. Construction activities associated with the Proposed Development will therefore dominate noise levels at the closest NSLs to the Proposed Development when occurring in their proximity. Proximity of planned development is within 200m from Proposed Development and	To ensure that construction activities associated with the Proposed Development are controlled at the closest NSLs, a series of mitigation measures will be implemented throughout the construction phase. These measures are set out in Section 9.5.1. of Chapter 9 (Noise and Vibration) and the Construction Environmental Management Plan	Magnitude of noise impacts will be dominated by Proposed Development at NSLs and therefore as described for the Proposed Development alone in Section 9.4.3 of Chapter 9 (Noise	Assumptions made based basis both projects are under construction at same time. Assumptions on effects based on professional judgement. Detailed data on third party project construction programmes, mitigation and environmental management proposals are not available to inform detailed assessment. It is assumed that third party contractors will use specific noise abatement measures where reasonably

Application Reference	Local Authority Area	'Other Development' and Brief Description	Assessment of Cumulative Effect with Proposed Project	Proposed Mitigation	Residual Cumulative Effect	Uncertainty, Assumptions & Limitations
		revised landscaping layout and revised back garden extents to the permitted terraced houses. (3) Provision of additional surface car parking spaces additional communal open space, private open spaces and public lighting to serve the proposed 2 no. additional townhouses, together with all associated site works and services	NSLs adjacent to both have potential to experience cumulative impacts if construction occurs at same time. No cumulative operational noise impacts	CEMP of the EIAR for the Proposed Development. The planned development will require similar measures.	and Vibration). Potential for temporary increase in cumulative construction noise if both occur at same time. No significant residual cumulative effects post mitigation.	practicable and comply with the recommendations of BS 5228-1 and European Communities Noise Emissions by Equipment for Use Outdoors (Amendment) Regulations 2006 (S.I. No 241/2006).
16294	GCC	Permission for the demolition of buildings and associated structures (Dawn Dairies)	Potential cumulative impacts if both projects under construction at same time. The highest noise impacts associated with the Proposed Development are calculated at NSLs along the immediate boundary of the proposed construction works (typically within 50m of a specific working area). Due to the linear nature of works associated with the Proposed Development, construction noise impacts will occur over temporary periods at any one location. Construction activities associated with the Proposed Development will therefore dominate noise levels at the closest NSLs to the Proposed Development when occurring in their proximity. Proximity of planned development is within 200m from Proposed Development and NSLs adjacent to both have potential to experience cumulative impacts if construction occurs at same time. No cumulative operational noise impacts	To ensure that construction activities associated with the Proposed Development are controlled at the closest NSLs, a series of mitigation measures will be implemented throughout the construction phase. These measures are set out in Section 9.5.1. of Chapter 9 (Noise and Vibration) and the Construction Environmental Management Plan CEMP of the EIAR for the Proposed Development. The planned development will require similar measures.	Magnitude of noise impacts will be dominated by Proposed Development at NSLs and therefore as described for the Proposed Development alone in Section 9.4.3 of Chapter 9 (Noise and Vibration). Potential for temporary increase in cumulative construction noise if both occur at same time. No significant residual cumulative effects post mitigation.	Assumptions made based basis both projects are under construction at same time. Assumptions on effects based on professional judgement. Detailed data on third party project construction programmes, mitigation and environmental management proposals are not available to inform detailed assessment. It is assumed that third party contractors will use specific noise abatement measures where reasonably practicable and comply with the recommendations of BS 5228-1 and European Communities Noise Emissions by Equipment for Use Outdoors (Amendment) Regulations 2006 (S.I. No 241/2006).
2119	GCC	Permission for development which will consist of a two storey residential extension to the rear. The proposed extension will consist of a single storey bicycle store to the South side of the property with pitched roof and new façade replacing existing side garden access. The rear extension to existing kitchen will be line with existing utility room at ground floor with extension of two existing bedrooms at first floor (over), one which will have an en suite within the existing bedroom footprint. The new windows to the West facing first floor bedrooms are so designed as to ensure there is no overlooking to any of their neighbours by way of obscured glazing to fixed frames. It is intended to retain all existing public services, the foul sewer will remain as is with two number new gutter connections to existing surface water sewer.	Potential cumulative impacts if both projects under construction at same time. The highest noise impacts associated with the Proposed Development are calculated at NSLs along the immediate boundary of the proposed construction works (typically within 50m of a specific working area). Due to the linear nature of works associated with the Proposed Development, construction noise impacts will occur over temporary periods at any one location. Construction activities associated with the Proposed Development will therefore dominate noise levels at the closest NSLs to the Proposed Development when occurring in their proximity. Proximity of planned development is within 200m from Proposed Development and NSLs adjacent to both have potential to experience cumulative impacts if construction occurs at same time. No cumulative operational noise impacts	To ensure that construction activities associated with the Proposed Development are controlled at the closest NSLs, a series of mitigation measures will be implemented throughout the construction phase. These measures are set out in Section 9.5.1. of Chapter 9 (Noise and Vibration) and the Construction Environmental Management Plan CEMP of the EIAR for the Proposed Development. The planned development will require similar measures.	Magnitude of noise impacts will be dominated by Proposed Development at NSLs and therefore as described for the Proposed Development alone in Section 9.4.3 of Chapter 9 (Noise and Vibration). Potential for temporary increase in cumulative construction noise if both occur at same time. No significant residual cumulative effects post mitigation.	Assumptions made based basis both projects are under construction at same time. Assumptions on effects based on professional judgement. Detailed data on third party project construction programmes, mitigation and environmental management proposals are not available to inform detailed assessment. It is assumed that third party contractors will use specific noise abatement measures where reasonably practicable and comply with the recommendations of BS 5228-1 and European Communities Noise Emissions by Equipment for Use Outdoors (Amendment) Regulations 2006 (S.I. No 241/2006).
2276	GCC	Permission for development which will consist of the construction of a single dwelling house and the provision of a new vehicular access point and all other ancillary site services	Potential cumulative impacts if both projects under construction at same time. The highest noise impacts associated with the Proposed Development are calculated at NSLs along the immediate boundary of the proposed construction works (typically within 50m of a specific working area). Due to the linear nature of works associated with the Proposed Development, construction noise impacts will occur over temporary periods at any one location. Construction activities associated with the Proposed Development will therefore dominate noise levels at the closest NSLs to the Proposed Development when occurring in their proximity. Proximity of planned development is within 200m from Proposed Development and	To ensure that construction activities associated with the Proposed Development are controlled at the closest NSLs, a series of mitigation measures will be implemented throughout the construction phase. These measures are set out in Section 9.5.1. of Chapter 9 (Noise and Vibration) and the Construction Environmental Management Plan	Magnitude of noise impacts will be dominated by Proposed Development at NSLs and therefore as described for the Proposed Development alone in Section 9.4.3 of Chapter 9 (Noise	Assumptions made based basis both projects are under construction at same time. Assumptions on effects based on professional judgement. Detailed data on third party project construction programmes, mitigation and environmental management proposals are not available to inform detailed assessment. It is assumed that third party contractors will use specific noise abatement measures where reasonably

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			NSLs adjacent to both have potential to experience cumulative impacts if construction occurs at same time. No cumulative operational noise impacts	CEMP of the EIAR for the Proposed Development. The planned development will require similar measures.	and Vibration). Potential for temporary increase in cumulative construction noise if both occur at same time. No significant residual cumulative effects post mitigation.	practicable and comply with the recommendations of BS 5228-1 and European Communities Noise Emissions by Equipment for Use Outdoors (Amendment) Regulations 2006 (S.I. No 241/2006).
24/60226	GCC	Permission for development which consists of a new 949m <sup>3</sup> underground storage tank and all associated works. The underground storage tank will provide additional wastewater storage capacity to the Merlin Park pumping station. Associated works include site clearance works, overground kiosks and passive odour control units, underground sewerage manholes, watermain chambers, tank washdown units, tank mixer, 2.4m high security fencing including vehicular and pedestrian gates and 0.45m high wall, bollards, filter drains, etc. Landscaping on the site will include new trees, grassed areas, wildflower areas, footpaths, filter drains, shrub planting, etc. The existing 1500mm diameter surface water sewer will be diverted to avoid the new storage tank. The application is for a 10 year planning permission	Potential cumulative impacts if both projects under construction at same time. The highest noise impacts associated with the Proposed Development are calculated at NSLs along the immediate boundary of the proposed construction works (typically within 50m of a specific working area). Due to the linear nature of works associated with the Proposed Development, construction noise impacts will occur over temporary periods at any one location. Construction activities associated with the Proposed Development will therefore dominate noise levels at the closest NSLs to the Proposed Development when occurring in their proximity. Proximity of planned development is within 200m from Proposed Development and NSLs adjacent to both have potential to experience cumulative impacts if construction occurs at same time. No cumulative operational noise impacts	To ensure that construction activities associated with the Proposed Development are controlled at the closest NSLs, a series of mitigation measures will be implemented throughout the construction phase. These measures are set out in Section 9.5.1. of Chapter 9 (Noise and Vibration) and the Construction Environmental Management Plan CEMP of the EIAR for the Proposed Development. The planned development will require similar measures.	Magnitude of noise impacts will be dominated by Proposed Development at NSLs and therefore as described for the Proposed Development alone in Section 9.4.3 of Chapter 9 (Noise and Vibration). Potential for temporary increase in cumulative construction noise if both occur at same time. No significant residual cumulative effects post mitigation.	Assumptions made based basis both projects are under construction at same time. Assumptions on effects based on professional judgement. Detailed data on third party project construction programmes, mitigation and environmental management proposals are not available to inform detailed assessment. It is assumed that third party contractors will use specific noise abatement measures where reasonably practicable and comply with the recommendations of BS 5228-1 and European Communities Noise Emissions by Equipment for Use Outdoors (Amendment) Regulations 2006 (S.I. No 241/2006).
19304	GCC	Permission for development which consists of the construction of 2no. 4 storey blocks of apartments, each containing 16no. units with the following breakdown of residential mix: 5no. 1beds and 11no. 2beds, totalling 32no. units overall. Also, the provision of a new vehicular access point, vehicular parking combined with secure bicycle parking spaces and external communal bin storage to the rear, plant area and photovoltaic units to roof level with landscaping and all other ancillary site-works and services	Potential cumulative impacts if both projects under construction at same time. The highest noise impacts associated with the Proposed Development are calculated at NSLs along the immediate boundary of the proposed construction works (typically within 50m of a specific working area). Due to the linear nature of works associated with the Proposed Development, construction noise impacts will occur over temporary periods at any one location. Construction activities associated with the Proposed Development will therefore dominate noise levels at the closest NSLs to the Proposed Development when occurring in their proximity. Proximity of planned development is within 200m from Proposed Development and NSLs adjacent to both have potential to experience cumulative impacts if construction occurs at same time. No cumulative operational noise impacts	To ensure that construction activities associated with the Proposed Development are controlled at the closest NSLs, a series of mitigation measures will be implemented throughout the construction phase. These measures are set out in Section 9.5.1. of Chapter 9 (Noise and Vibration) and the Construction Environmental Management Plan CEMP of the EIAR for the Proposed Development. The planned development will require similar measures.	Magnitude of noise impacts will be dominated by Proposed Development at NSLs and therefore as described for the Proposed Development alone in Section 9.4.3 of Chapter 9 (Noise and Vibration). Potential for temporary increase in cumulative construction noise if both occur at same time. No significant residual cumulative effects post mitigation.	Assumptions made based basis both projects are under construction at same time. Assumptions on effects based on professional judgement. Detailed data on third party project construction programmes, mitigation and environmental management proposals are not available to inform detailed assessment. It is assumed that third party contractors will use specific noise abatement measures where reasonably practicable and comply with the recommendations of BS 5228-1 and European Communities Noise Emissions by Equipment for Use Outdoors (Amendment) Regulations 2006 (S.I. No 241/2006).
1995	GCC	Permission for development which consists of the constructing 51 No. one, two and three bedroom apartments and two one bedroom Town Houses in 6 no. Blocks ranging in height from one storey up to four storey, with sewer connection to adjacent pumping station adjacent Dublin road, together with access/egress off the old coast road to Oranmore and all associated services at Doughiska and Merlin Park Townlands. )Previous Planning Ref No. 17/283	Potential cumulative impacts if both projects under construction at same time. The highest noise impacts associated with the Proposed Development are calculated at NSLs along the immediate boundary of the proposed construction works (typically within 50m of a specific working area). Due to the linear nature of works associated with the Proposed Development, construction noise impacts will occur over temporary periods at any one location. Construction activities associated with the Proposed Development will therefore dominate noise levels at the closest NSLs to the Proposed Development when occurring in their proximity. Proximity of planned development is within 200m from Proposed Development and	To ensure that construction activities associated with the Proposed Development are controlled at the closest NSLs, a series of mitigation measures will be implemented throughout the construction phase. These measures are set out in Section 9.5.1. of Chapter 9 (Noise and Vibration) and the Construction Environmental Management Plan	Magnitude of noise impacts will be dominated by Proposed Development at NSLs and therefore as described for the Proposed Development alone in Section 9.4.3 of Chapter 9 (Noise	Assumptions made based basis both projects are under construction at same time. Assumptions on effects based on professional judgement. Detailed data on third party project construction programmes, mitigation and environmental management proposals are not available to inform detailed assessment. It is assumed that third party contractors will use specific noise abatement measures where reasonably

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			NSLs adjacent to both have potential to experience cumulative impacts if construction occurs at same time. No cumulative operational noise impacts	CEMP of the EIAR for the Proposed Development. The planned development will require similar measures.	and Vibration). Potential for temporary increase in cumulative construction noise if both occur at same time. No significant residual cumulative effects post mitigation.	practicable and comply with the recommendations of BS 5228-1 and European Communities Noise Emissions by Equipment for Use Outdoors (Amendment) Regulations 2006 (S.I. No 241/2006).
23185	GCC	Permission for development which consists of i) To construct a new standalone warehouse on a brownfield site. ii) To connect to the public drainage and potable water services, and for all associated infrastructure and connections, including a connection to the estate road. iii) For all boundary and site treatments, including the provision of a surface car parking	Potential cumulative impacts if both projects under construction at same time. The highest noise impacts associated with the Proposed Development are calculated at NSLs along the immediate boundary of the proposed construction works (typically within 50m of a specific working area). Due to the linear nature of works associated with the Proposed Development, construction noise impacts will occur over temporary periods at any one location. Construction activities associated with the Proposed Development will therefore dominate noise levels at the closest NSLs to the Proposed Development when occurring in their proximity. Proximity of planned development is within 200m from Proposed Development and NSLs adjacent to both have potential to experience cumulative impacts if construction occurs at same time. No cumulative operational noise impacts	To ensure that construction activities associated with the Proposed Development are controlled at the closest NSLs, a series of mitigation measures will be implemented throughout the construction phase. These measures are set out in Section 9.5.1. of Chapter 9 (Noise and Vibration) and the Construction Environmental Management Plan CEMP of the EIAR for the Proposed Development. The planned development will require similar measures.	Magnitude of noise impacts will be dominated by Proposed Development at NSLs and therefore as described for the Proposed Development alone in Section 9.4.3 of Chapter 9 (Noise and Vibration). Potential for temporary increase in cumulative construction noise if both occur at same time. No significant residual cumulative effects post mitigation.	Assumptions made based basis both projects are under construction at same time. Assumptions on effects based on professional judgement. Detailed data on third party project construction programmes, mitigation and environmental management proposals are not available to inform detailed assessment. It is assumed that third party contractors will use specific noise abatement measures where reasonably practicable and comply with the recommendations of BS 5228-1 and European Communities Noise Emissions by Equipment for Use Outdoors (Amendment) Regulations 2006 (S.I. No 241/2006).
21289	GCC	Permission for development which will consist of - Construction of a 2,324.3 sq.m (gross) two- storey Outpatients Department Building. - Construction of a 314.7 sq.m (gross) single storey Adult Cystic Fibrosis Outpatients Building - Construction of 88 no. bay car park (comprising 77 no. bay car park south of proposed Outpatients Department Building and the provision of 11 no. car park bays adjacent to Existing Unit 8) - Provision of pedestrian footpath connection to north to location adjoining Medical Records Building -Provision of bicycle parking, public lighting, roof mounted solar PV panels, roof plant, site landscaping, services, signage and all associated site development works	Potential cumulative impacts if both projects under construction at same time. The highest noise impacts associated with the Proposed Development are calculated at NSLs along the immediate boundary of the proposed construction works (typically within 50m of a specific working area). Due to the linear nature of works associated with the Proposed Development, construction noise impacts will occur over temporary periods at any one location. Construction activities associated with the Proposed Development will therefore dominate noise levels at the closest NSLs to the Proposed Development when occurring in their proximity. Proximity of planned development is within 200m from Proposed Development and NSLs adjacent to both have potential to experience cumulative impacts if construction occurs at same time. No cumulative operational noise impacts	To ensure that construction activities associated with the Proposed Development are controlled at the closest NSLs, a series of mitigation measures will be implemented throughout the construction phase. These measures are set out in Section 9.5.1. of Chapter 9 (Noise and Vibration) and the Construction Environmental Management Plan CEMP of the EIAR for the Proposed Development. The planned development will require similar measures.	Magnitude of noise impacts will be dominated by Proposed Development at NSLs and therefore as described for the Proposed Development alone in Section 9.4.3 of Chapter 9 (Noise and Vibration). Potential for temporary increase in cumulative construction noise if both occur at same time. No significant residual cumulative effects post mitigation.	Assumptions made based basis both projects are under construction at same time. Assumptions on effects based on professional judgement. Detailed data on third party project construction programmes, mitigation and environmental management proposals are not available to inform detailed assessment. It is assumed that third party contractors will use specific noise abatement measures where reasonably practicable and comply with the recommendations of BS 5228-1 and European Communities Noise Emissions by Equipment for Use Outdoors (Amendment) Regulations 2006 (S.I. No 241/2006).
23185	GCC	Permission for development which consists of i) To construct a new standalone warehouse on a brownfield site. ii) To connect to the public drainage and potable water services, and for all associated site works.	Potential cumulative impacts if both projects under construction at same time. The highest noise impacts associated with the Proposed Development are calculated at NSLs along the immediate boundary of the proposed construction works (typically within 50m of a specific working area). Due to the linear nature of works associated with the Proposed Development, construction noise impacts will occur over temporary periods at any one location. Construction activities associated with the Proposed Development will therefore dominate noise levels at the closest NSLs to the Proposed Development when occurring in their proximity. Proximity of planned development is within 200m from Proposed Development and	To ensure that construction activities associated with the Proposed Development are controlled at the closest NSLs, a series of mitigation measures will be implemented throughout the construction phase. These measures are set out in Section 9.5.1. of Chapter 9 (Noise and Vibration) and the Construction Environmental Management Plan	Magnitude of noise impacts will be dominated by Proposed Development at NSLs and therefore as described for the Proposed Development alone in Section 9.4.3 of Chapter 9 (Noise	Assumptions made based basis both projects are under construction at same time. Assumptions on effects based on professional judgement. Detailed data on third party project construction programmes, mitigation and environmental management proposals are not available to inform detailed assessment. It is assumed that third party contractors will use specific noise abatement measures where reasonably

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			NSLs adjacent to both have potential to experience cumulative impacts if construction occurs at same time. No cumulative operational noise impacts	CEMP of the EIAR for the Proposed Development. The planned development will require similar measures.	and Vibration). Potential for temporary increase in cumulative construction noise if both occur at same time. No significant residual cumulative effects post mitigation.	practicable and comply with the recommendations of BS 5228-1 and European Communities Noise Emissions by Equipment for Use Outdoors (Amendment) Regulations 2006 (S.I. No 241/2006).
2360146	GCC	Permission for development which consists of amendments to previously approved development at this site at Murrrough, Dublin Rd. Galway City. Planning Reference 19/304. The permitted development consists of the construction of 1no. 4 storey blocks of apartments, each containing 32no. units with the following breakdown of residential mix: 12no. 1beds and 20no. 2beds, totalling 32no. units overall. Also, the provision of a new vehicular access point, vehicular parking combined with secure bicycle parking spaces and external communal bin storage to the rear, plant area and photovoltaic units to roof level with landscaping and all other ancillary site-works and services. The proposed amendments consist of solely changes to site boundaries.	Potential cumulative impacts if both projects under construction at same time. The highest noise impacts associated with the Proposed Development are calculated at NSLs along the immediate boundary of the proposed construction works (typically within 50m of a specific working area). Due to the linear nature of works associated with the Proposed Development, construction noise impacts will occur over temporary periods at any one location. Construction activities associated with the Proposed Development will therefore dominate noise levels at the closest NSLs to the Proposed Development when occurring in their proximity. Proximity of planned development is within 200m from Proposed Development and NSLs adjacent to both have potential to experience cumulative impacts if construction occurs at same time. No cumulative operational noise impacts	To ensure that construction activities associated with the Proposed Development are controlled at the closest NSLs, a series of mitigation measures will be implemented throughout the construction phase. These measures are set out in Section 9.5.1. of Chapter 9 (Noise and Vibration) and the Construction Environmental Management Plan CEMP of the EIAR for the Proposed Development. The planned development will require similar measures.	Magnitude of noise impacts will be dominated by Proposed Development at NSLs and therefore as described for the Proposed Development alone in Section 9.4.3 of Chapter 9 (Noise and Vibration). Potential for temporary increase in cumulative construction noise if both occur at same time. No significant residual cumulative effects post mitigation.	Assumptions made based basis both projects are under construction at same time. Assumptions on effects based on professional judgement. Detailed data on third party project construction programmes, mitigation and environmental management proposals are not available to inform detailed assessment. It is assumed that third party contractors will use specific noise abatement measures where reasonably practicable and comply with the recommendations of BS 5228-1 and European Communities Noise Emissions by Equipment for Use Outdoors (Amendment) Regulations 2006 (S.I. No 241/2006).
2460078	GCC	Permission for development which consists of: 3No dwelling units, comprising of 2No one bed single storey units of 51 Sq.M. each in a semi-detached configuration and 1No two-bed detached single storey unit of 66.9 Sq.M. along with enclosing side garden walls & gates and dividing rear garden walls. Along with all necessary and associated site works to include extension of existing internal roadway, relocation of 2No. existing car park spaces and provision of 2No. additional car park spaces, provision of paths and continuation of street lighting etc and connection to existing service utilities to include potable, surface and foul water connections within the Garrai Caol development	Potential cumulative impacts if both projects under construction at same time. The highest noise impacts associated with the Proposed Development are calculated at NSLs along the immediate boundary of the proposed construction works (typically within 50m of a specific working area). Due to the linear nature of works associated with the Proposed Development, construction noise impacts will occur over temporary periods at any one location. Construction activities associated with the Proposed Development will therefore dominate noise levels at the closest NSLs to the Proposed Development when occurring in their proximity. Proximity of planned development is within 200m from Proposed Development and NSLs adjacent to both have potential to experience cumulative impacts if construction occurs at same time. No cumulative operational noise impacts	To ensure that construction activities associated with the Proposed Development are controlled at the closest NSLs, a series of mitigation measures will be implemented throughout the construction phase. These measures are set out in Section 9.5.1. of Chapter 9 (Noise and Vibration) and the Construction Environmental Management Plan CEMP of the EIAR for the Proposed Development. The planned development will require similar measures.	Magnitude of noise impacts will be dominated by Proposed Development at NSLs and therefore as described for the Proposed Development alone in Section 9.4.3 of Chapter 9 (Noise and Vibration). Potential for temporary increase in cumulative construction noise if both occur at same time. No significant residual cumulative effects post mitigation.	Assumptions made based basis both projects are under construction at same time. Assumptions on effects based on professional judgement. Detailed data on third party project construction programmes, mitigation and environmental management proposals are not available to inform detailed assessment. It is assumed that third party contractors will use specific noise abatement measures where reasonably practicable and comply with the recommendations of BS 5228-1 and European Communities Noise Emissions by Equipment for Use Outdoors (Amendment) Regulations 2006 (S.I. No 241/2006).
2460058	GCC	Permission for a development which consists of the demolition of 3 no. buildings on lands at Merlin Park University Hospital, Galway. The proposed development comprises the following: • Demolition of the former mortuary building (GFA: 131.5m <sup>2</sup> ); • Demolition of the security hut (GFA: 13.5m <sup>2</sup> ); and • Demolition of the pump house (GFA: 21.45m <sup>2</sup> ). The proposed development includes for all site development works and services ancillary to the proposed development	Potential cumulative impacts if both projects under construction at same time. The highest noise impacts associated with the Proposed Development are calculated at NSLs along the immediate boundary of the proposed construction works (typically within 50m of a specific working area). Due to the linear nature of works associated with the Proposed Development, construction noise impacts will occur over temporary periods at any one location. Construction activities associated with the Proposed Development will therefore dominate noise levels at the closest NSLs to the Proposed Development when occurring in their proximity. Proximity of planned development is within 200m from Proposed Development and	To ensure that construction activities associated with the Proposed Development are controlled at the closest NSLs, a series of mitigation measures will be implemented throughout the construction phase. These measures are set out in Section 9.5.1. of Chapter 9 (Noise and Vibration) and the Construction Environmental Management Plan	Magnitude of noise impacts will be dominated by Proposed Development at NSLs and therefore as described for the Proposed Development alone in Section 9.4.3 of Chapter 9 (Noise	Assumptions made based basis both projects are under construction at same time. Assumptions on effects based on professional judgement. Detailed data on third party project construction programmes, mitigation and environmental management proposals are not available to inform detailed assessment. It is assumed that third party contractors will use specific noise abatement measures where reasonably

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			NSLs adjacent to both have potential to experience cumulative impacts if construction occurs at same time. No cumulative operational noise impacts	CEMP of the EIAR for the Proposed Development. The planned development will require similar measures.	and Vibration). Potential for temporary increase in cumulative construction noise if both occur at same time. No significant residual cumulative effects post mitigation.	practicable and comply with the recommendations of BS 5228-1 and European Communities Noise Emissions by Equipment for Use Outdoors (Amendment) Regulations 2006 (S.I. No 241/2006).
2460107	GCC	Permission for development which will consist of a new 686sq meter, two-storey modular building, containing replacement classrooms and ancillary offices and all associated site works at the rear of the site adjacent to the existing gym building.	Potential cumulative impacts if both projects under construction at same time. The highest noise impacts associated with the Proposed Development are calculated at NSLs along the immediate boundary of the proposed construction works (typically within 50m of a specific working area). Due to the linear nature of works associated with the Proposed Development, construction noise impacts will occur over temporary periods at any one location. Construction activities associated with the Proposed Development will therefore dominate noise levels at the closest NSLs to the Proposed Development when occurring in their proximity. Proximity of planned development is within 200m from Proposed Development and NSLs adjacent to both have potential to experience cumulative impacts if construction occurs at same time. No cumulative operational noise impacts	To ensure that construction activities associated with the Proposed Development are controlled at the closest NSLs, a series of mitigation measures will be implemented throughout the construction phase. These measures are set out in Section 9.5.1. of Chapter 9 (Noise and Vibration) and the Construction Environmental Management Plan CEMP of the EIAR for the Proposed Development. The planned development will require similar measures.	Magnitude of noise impacts will be dominated by Proposed Development at NSLs and therefore as described for the Proposed Development alone in Section 9.4.3 of Chapter 9 (Noise and Vibration). Potential for temporary increase in cumulative construction noise if both occur at same time. No significant residual cumulative effects post mitigation.	Assumptions made based basis both projects are under construction at same time. Assumptions on effects based on professional judgement. Detailed data on third party project construction programmes, mitigation and environmental management proposals are not available to inform detailed assessment. It is assumed that third party contractors will use specific noise abatement measures where reasonably practicable and comply with the recommendations of BS 5228-1 and European Communities Noise Emissions by Equipment for Use Outdoors (Amendment) Regulations 2006 (S.I. No 241/2006).
2411	GCC	Permission for a development which consists of 1. Demolition of existing Dormer Dwelling house 2. The construction of 4 no. 2 Bed Townhouses in a single storey block, with associated site works and services 3. New relocated Vehicular Front Entrance to proposed townhouses with acceptable road sight lines	Potential cumulative impacts if both projects under construction at same time. The highest noise impacts associated with the Proposed Development are calculated at NSLs along the immediate boundary of the proposed construction works (typically within 50m of a specific working area). Due to the linear nature of works associated with the Proposed Development, construction noise impacts will occur over temporary periods at any one location. Construction activities associated with the Proposed Development will therefore dominate noise levels at the closest NSLs to the Proposed Development when occurring in their proximity. Proximity of planned development is within 200m from Proposed Development and NSLs adjacent to both have potential to experience cumulative impacts if construction occurs at same time. No cumulative operational noise impacts	To ensure that construction activities associated with the Proposed Development are controlled at the closest NSLs, a series of mitigation measures will be implemented throughout the construction phase. These measures are set out in Section 9.5.1. of Chapter 9 (Noise and Vibration) and the Construction Environmental Management Plan CEMP of the EIAR for the Proposed Development. The planned development will require similar measures.	Magnitude of noise impacts will be dominated by Proposed Development at NSLs and therefore as described for the Proposed Development alone in Section 9.4.3 of Chapter 9 (Noise and Vibration). Potential for temporary increase in cumulative construction noise if both occur at same time. No significant residual cumulative effects post mitigation.	Assumptions made based basis both projects are under construction at same time. Assumptions on effects based on professional judgement. Detailed data on third party project construction programmes, mitigation and environmental management proposals are not available to inform detailed assessment. It is assumed that third party contractors will use specific noise abatement measures where reasonably practicable and comply with the recommendations of BS 5228-1 and European Communities Noise Emissions by Equipment for Use Outdoors (Amendment) Regulations 2006 (S.I. No 241/2006).

Application Reference	Local Authority Area	'Other Development' and Brief Description	Assessment of Cumulative Effect with Proposed Project	Proposed Mitigation	Residual Cumulative Effect	Uncertainty, Assumptions & Limitations
24/60244	GCC	Permission for development which consists of; the demolition of 3 No. existing dwellings and the construction of a 4 storey apartment building containing 24 No. residential units (10 No. 1 bed, 13 No. 2 bed and 1 No. 3 bed) and all associated site and external works including a revised site entrance, ancillary sheltered bin and bike stores and drainage connections. at 47, 49 & 51 Dublin Road Galway Co. Galway H91 Y7WP	Potential cumulative impacts if both projects under construction at same time. The highest noise impacts associated with the Proposed Development are calculated at NSLs along the immediate boundary of the proposed construction works (typically within 50m of a specific working area). Due to the linear nature of works associated with the Proposed Development, construction noise impacts will occur over temporary periods at any one location. Construction activities associated with the Proposed Development will therefore dominate noise levels at the closest NSLs to the Proposed Development when occurring in their proximity. Proximity of planned development is within 200m from Proposed Development and NSLs adjacent to both have potential to experience cumulative impacts if construction occurs at same time. No cumulative operational noise impacts	To ensure that construction activities associated with the Proposed Development are controlled at the closest NSLs, a series of mitigation measures will be implemented throughout the construction phase. These measures are set out in Section 9.5.1. of Chapter 9 (Noise and Vibration) and the Construction Environmental Management Plan CEMP of the EIAR for the Proposed Development. The planned development will require similar measures.	Magnitude of noise impacts will be dominated by Proposed Development at NSLs and therefore as described for the Proposed Development alone in Section 9.4.3 of Chapter 9 (Noise and Vibration). Potential for temporary increase in cumulative construction noise if both occur at same time. No significant residual cumulative effects post mitigation.	Assumptions made based basis both projects are under construction at same time. Assumptions on effects based on professional judgement. Detailed data on third party project construction programmes, mitigation and environmental management proposals are not available to inform detailed assessment. It is assumed that third party contractors will use specific noise abatement measures where reasonably practicable and comply with the recommendations of BS 5228-1 and European Communities Noise Emissions by Equipment for Use Outdoors (Amendment) Regulations 2006 (S.I. No 241/2006).
LA3/2023	GCC Pt. 8	To provide a segregated high quality cycle route along the R865 Ballybane Road and the L5029 Castlepark Road, Galway; entitled "Ballybane Road and Castlepark Road Cycle Network Scheme"	Potential cumulative impacts if both projects under construction at same time. The highest noise impacts associated with the Proposed Development are calculated at NSLs along the immediate boundary of the proposed construction works (typically within 50m of a specific working area). Due to the linear nature of works associated with the Proposed Development, construction noise impacts will occur over temporary periods at any one location. Construction activities associated with the Proposed Development will therefore dominate noise levels at the closest NSLs to the Proposed Development when occurring in their proximity. Proximity of planned development is within 200m from Proposed Development and NSLs adjacent to both have potential to experience cumulative impacts if construction occurs at same time. No cumulative operational noise impacts	To ensure that construction activities associated with the Proposed Development are controlled at the closest NSLs, a series of mitigation measures will be implemented throughout the construction phase. These measures are set out in Section 9.5.1. of Chapter 9 (Noise and Vibration) and the Construction Environmental Management Plan CEMP of the EIAR for the Proposed Development. The planned development will require similar measures.	Magnitude of noise impacts will be dominated by Proposed Development at NSLs and therefore as described for the Proposed Development alone in Section 9.4.3 of Chapter 9 (Noise and Vibration). Potential for temporary increase in cumulative construction noise if both occur at same time. No significant residual cumulative effects post mitigation.	Assumptions made based basis both projects are under construction at same time. Assumptions on effects based on professional judgement. Detailed data on third party project construction programmes, mitigation and environmental management proposals are not available to inform detailed assessment. It is assumed that third party contractors will use specific noise abatement measures where reasonably practicable and comply with the recommendations of BS 5228-1 and European Communities Noise Emissions by Equipment for Use Outdoors (Amendment) Regulations 2006 (S.I. No 241/2006).
LA1/2021	GCC Pt. 8	It is proposed to build a social and affordable housing development of 103 units in two and three storey buildings on lands belonging to Galway City Council at Merlin Woods, Galway. The proposed 103 units comprise 79% houses and 21% apartments/duplexes,	Potential cumulative impacts if both projects under construction at same time. The highest noise impacts associated with the Proposed Development are calculated at NSLs along the immediate boundary of the proposed construction works (typically within 50m of a specific working area). Due to the linear nature of works associated with the Proposed Development, construction noise impacts will occur over temporary periods at any one location. Construction activities associated with the Proposed Development will therefore dominate noise levels at the closest NSLs to the Proposed Development when occurring in their proximity. Proximity of planned development is within 200m from Proposed Development and NSLs adjacent to both have potential to experience cumulative impacts if construction occurs at same time. No cumulative operational noise impacts	To ensure that construction activities associated with the Proposed Development are controlled at the closest NSLs, a series of mitigation measures will be implemented throughout the construction phase. These measures are set out in Section 9.5.1. of Chapter 9 (Noise and Vibration) and the Construction Environmental Management Plan CEMP of the EIAR for the Proposed Development. The planned development will require similar measures.	Magnitude of noise impacts will be dominated by Proposed Development at NSLs and therefore as described for the Proposed Development alone in Section 9.4.3 of Chapter 9 (Noise and Vibration). Potential for temporary increase in cumulative construction noise if both occur at same time. No significant residual cumulative	Assumptions made based basis both projects are under construction at same time. Assumptions on effects based on professional judgement. Detailed data on third party project construction programmes, mitigation and environmental management proposals are not available to inform detailed assessment. It is assumed that third party contractors will use specific noise abatement measures where reasonably practicable and comply with the recommendations of BS 5228-1 and European Communities Noise Emissions by Equipment for Use Outdoors (Amendment) Regulations 2006 (S.I. No 241/2006).

Application Reference	Local Authority Area	'Other Development' and Brief Description	Assessment of Cumulative Effect with Proposed Project	Proposed Mitigation	Residual Cumulative Effect	Uncertainty, Assumptions & Limitations
					effects post mitigation.	

Table A20.2.4 Stage 3 & 4: Population

Application Reference	Local Authority Area	'Other Development' and Brief Description	Assessment of Cumulative Effect with Proposed Project	Proposed Mitigation	Residual Cumulative Effect	Uncertainty, Assumptions & Limitations
LA3/2023	GCC	Ballybane Road and Castlepark Road Cycle Network	Positive cumulative effect in that will support cycling uptake and connect with Proposed Development. The two schemes together will provide for greatly improved cycle access across much of the eastern half of Galway City, extending up to the Monivea Road and the N6 in Ballybrit, stimulating more uptake of active travel in the process	The two schemes should ideally be constructed so as to be operational within a short time of one another. Simultaneous construction would have a negative impact on vehicle movement. Simultaneous construction could also place a demand on labour resources skilled in the same types of development or on specific machinery, but sequential development could be a positive strategy for retaining these skills and needs.	Significant positive	Low uncertainty around uptake, especially noting the presence of the ATU.
MP7	GCC	Dublin Road Lawn Cemetery	The development adjoins the Proposed Development. The Proposed Development would need to be modified if necessary to take into account access arrangement for the proposed project. The project includes proposals for 68 formal and 25 informal car parking spaces beside Dublin Road, as would be necessary to accommodate the needs of funerals. This will place additional traffic on Dublin Road, when the objectives of the Proposed Development are intended to reduce traffic pressure on the road. Were construction to take place at the same time this would have a negative impact on traffic movement on Dublin Road. There would also be a negative cumulative environmental effect on guests at the adjacent Connaght Hotel due to noise or visual effects and this could indirectly affect demand for rooms and the business, although to a modest degree if mitigation measures are taken. In the longer term, the cemetery would be connected by the Active Travel facilities of the Proposed Development, and this would be a positive effect for cemetery visits relative to the operation of the cemetery under a Do-Nothing scenario.	Avoid construction at the same time. Provide for cemetery construction and user access within the design of the Proposed Development.	A negative cumulative effect is likely during construction without mitigation. Neutral if construction occurs at different times. Accepting that additional cemetery land demand is needed, a slight positive cumulative effect is likely in the long term given the opportunity to access the site using public transport and active travel.	Low
LA1/2021	GCC	Merlin Woods Social and Affordable Housing	The site is located within the Merlin Wood complex. The principal access would be from Coillte Mhuirinne, but with access also proposed from the Merlin Woods entrance. It is possible that construction access will use the latter given that the former is residential, albeit largely set back from the road. If so, and if construction were to occur at the same time, then there minor would be a slight negative impact due to construction traffic on traffic flow on Dublin Road, but at its eastern end which is less populated. Otherwise, the effect would be imperceptible during the construction phase. A slight positive effect is likely during operation due to the higher dependence of the probably occupant profile on public transport.	Avoid construction at the same time or avoid or minimise construction access to Dublin Road at this time.	Slight negative during construction without mitigation. Neutral with mitigation.	low

Application Reference	Local Authority Area	'Other Development' and Brief Description	Assessment of Cumulative Effect with Proposed Project	Proposed Mitigation	Residual Cumulative Effect	Uncertainty, Assumptions & Limitations
303072	ABP	Oakway Developments Moneenageisha Road, Galway	The proposal presents a slight cumulative effect if construction were to occur at the same time as the Proposed Development or require use of Dublin Road.	Avoid minimise construction access to Dublin Road if construction occurs at the same time or use alternative routes such as Tuam Road	Imperceptible negative during construction without mitigation. Neutral with mitigation.	low
314597	ABP	BusConnects Galway City: Cross City Link	The proposal will have a positive cumulative effect in supporting public transport use and active travel.	The two schemes should ideally be constructed so as to be operational within a short time of one another. Simultaneous construction would have a negative impact on vehicle movement. Simultaneous construction could also place a demand on labour resources skilled in the same types of development or on specific machinery, but sequential development could be a positive strategy for retaining these skills and needs.	A negative cumulative effect is likely during construction without mitigation. Neutral if construction occurs at different times. A significant positive cumulative effect is likely in the long term given the stimulus to use of public transport and active travel.	low
313997	ABP	Castlecarra Developments Ltd Chaplaincy House Corner of Ballybane Road & An Glasán Ballybane	The proposal is too small to have a significant effect	Avoid minimise construction access to Dublin Road if construction occurs at the same time or use alternative of Ballybane Road north to N6	Imperceptible negative effect during construction without mitigation. Neutral with mitigation.	low
310797	ABP	Alber Developments Ltd. Rosshill, Galway City, Co. Galway. (www.RosshillManorSHD1.ie)	The proposal is large at 101 residential units and so could have an effect on traffic flow on Dublin Road if construction occurs at the same time	Avoid construction at the same time as the Proposed Development or minimise construction traffic use of Dublin Road	Slight negative effect during construction without mitigation. Neutral with mitigation	low
17333	GCC	Huntsman Inn parking	The proposal is small in size, but is beside the Proposed Development and would add to environmental effects at this location if construction occurs at the same time	Avoid construction at the same time or strengthen mitigation such as noise and visual barriers. Direct construction traffic to Tuam Road	Imperceptible negative effect during construction without mitigation. Neutral with mitigation	low
18398	GCC	Brothers of Charity special school	The development adjoins the Proposed Development. The Proposed Development would need to be modified if necessary to take into account access arrangement for the proposed project. Construction would place additional traffic on Dublin Road were it to occur at the same time. There would also be additional noise effects. In the longer term, the school would be connected to the public transport facilities of the Proposed Development and this would be a positive effect for student access.	Avoid construction at the same time or strengthen mitigation such as noise and visual barriers.	Slight to moderate negative effect during construction without mitigation. Slight with mitigation	low

Application Reference	Local Authority Area	'Other Development' and Brief Description	Assessment of Cumulative Effect with Proposed Project	Proposed Mitigation	Residual Cumulative Effect	Uncertainty, Assumptions & Limitations
21234	GCC	Extension to Bon Secours operating theatre	The development adjoins the Proposed Development. Construction would place additional traffic on Dublin Road were it to occur at the same time. There would also be additional noise effects in an area of elevated noise due to the Proposed Development.	Avoid construction at the same time or strengthen mitigation such as noise and visual barriers.	Slight negative effect during construction without mitigation. Neutral with mitigation	low
2360002	GCC	Extension to Bon Secours operating theatre	The development adjoins the Proposed Development. Construction would place additional traffic on Dublin Road were it to occur at the same time. There would also be additional noise effects in an area of elevated noise due to the Proposed Development.	Avoid construction at the same time or strengthen mitigation such as noise and visual barriers.	Slight negative effect during construction without mitigation. Neutral with mitigation	low
18413	GCC	Construction of six terraced houses on Dublin Road, Renmore	The development adjoins the Proposed Development but is small in scale. Construction would place additional traffic on Dublin Road were it to occur at the same time. There would also be additional noise effects in an area of elevated noise due to the Proposed Development.	Avoid construction at the same time or strengthen mitigation such as noise and visual barriers.	Imperceptible negative effect during construction without mitigation. Neutral with mitigation	low
16294	GCC	Demolition of former Dawn Dairies building	The development adjoins the Proposed Development but is short in duration. Demolition would place additional traffic on Dublin Road were it to occur at the same time. There would also be additional noise effects in an area of elevated noise due to the Proposed Development with proximity to Flannery's Hotel.	Avoid construction at the same time or strengthen mitigation such as noise and visual barriers.	Slight negative effect during construction without mitigation. Neutral with mitigation	low
2119	GCC	Construction of two storey residential development	The proposal is too small to have a significant effect	none	none	low
2276	GCC	Construction of single residential development	The proposal is small and does not appear to be beside Dublin Road, but in proximity of Galway Crystal	Nonsignificant	none	low
24/60226	GCC	Uisce Eireann pumping station Lios An Uisce	The development is beside the Proposed Development. Construction would place additional traffic on Dublin Road were it to occur at the same time. There are potential environmental impacts from noise and visual, but the site is not in an area of elevated noise for the Proposed Development, but is beside residential apartments.	Avoid construction at the same time or strengthen mitigation such as noise and visual barriers.	Slight negative effect during construction without mitigation. Neutral with mitigation	medium
19306	GCC	32 unit apartment development	The proposal is a 32 unit apartment development beside Educate Together School to which it could add environmental impacts (e.g. noise) in addition, and from another direction, as the Proposed Development. It would also place a modest amount of additional construction traffic on the Dublin Road were it to occur at the same time	Avoid construction at the same time or strengthen mitigation such as noise and visual barriers.	Slight negative effect during construction without mitigation. Neutral with mitigation	medium

Application Reference	Local Authority Area	'Other Development' and Brief Description	Assessment of Cumulative Effect with Proposed Project	Proposed Mitigation	Residual Cumulative Effect	Uncertainty, Assumptions & Limitations
1995	GCC	51 unit apartment development	The development is beside the Proposed Development. Construction would place additional traffic on Dublin Road were it to occur at the same time. The risk of cumulative noise effects is lessened by the absence of other residential in the immediate vicinity	Avoid construction at the same time	Slight negative effect during construction without mitigation. Neutral with mitigation	low
21129	GCC	Two storey extension at Mike Kelly Commercials	The development is near the Proposed Development but is small. Construction would place additional traffic on Dublin Road were it to occur at the same time, but only at the eastern end of Dublin Road. The risk of cumulative noise effects is lessened by the distance of the Proposed Development from residences.	None	Imperceptible negative during construction without mitigation. Neutral with mitigation.	low
23185	GCC	warehouse development	The development is near the Proposed Development but is modest in size. Construction would place additional traffic on Dublin Road were it to occur at the same time, but only at the eastern end of Dublin Road. The risk of cumulative noise effects is lessened by the distance of the Proposed Development from residences.	None	Imperceptible negative during construction without mitigation. Neutral with mitigation.	low
222	GCC	Health Service Executive West St. Anne's CAMH Unit,, Merlin Park Hospital, Galway	The development consists of various works and extensions. Construction would place additional traffic on Dublin Road were it to occur at the same time, but at the eastern end of Dublin Road which is less populated with the option to use Merlin Park Lane is traffic management is in effect. The risk of cumulative noise effects is lessened by the distance of the Proposed Development from residences.	Avoid construction at the same time due to additional construction traffic unless option of using Merlin Park Lane is available. Avoid simultaneous construction with other HSE proposals	Slight negative during construction without mitigation. Neutral with mitigation.	medium
23160	GCC	Health Service Executive West, Merlin Park Hospital, Galway	The development consists of various works and extensions. Construction would place additional traffic on Dublin Road were it to occur at the same time, but at the eastern end of Dublin Road which is less populated with the option to use Merlin Park Lane is traffic management is in effect. The risk of cumulative noise effects is lessened by the distance of the Proposed Development from residences.	Avoid construction at the same time due to additional construction traffic unless option of using Merlin Park Lane is available. Avoid simultaneous construction with other HSE proposals	Slight negative during construction without mitigation. Neutral with mitigation.	medium
21289	GCC	Health Service Executive West, Merlin Park Hospital, Galway	The development is significant. Construction would place additional traffic on Dublin Road were it to occur at the same time, but at the eastern end of Dublin Road which is less populated with the option to use Merlin Park Lane is traffic management is in effect. The risk of cumulative noise effects is lessened by the distance of the Proposed Development from residences.	Avoid construction at the same time due to additional construction traffic unless option of using Merlin Park Lane is available. Avoid simultaneous construction with other HSE proposals	Slight negative during construction without mitigation. Neutral with mitigation.	medium
2235	GCC	GMIT Conversion of lecture theatre	The development is moderate in scale. Construction would place additional traffic on Dublin Road and at a busy location in vicinity of Skerritt Roundabout were works on the Proposed Development occurring at this time. The risk of cumulative noise effects is lessened by the distance of the Proposed Development from residences.	Avoid construction at the same time. Avoid simultaneous construction with other ATU proposals. Consider use of R865 as an alternative haulage route should this occur.	Slight negative during construction without mitigation. Neutral with mitigation.	low

Application Reference	Local Authority Area	'Other Development' and Brief Description	Assessment of Cumulative Effect with Proposed Project	Proposed Mitigation	Residual Cumulative Effect	Uncertainty, Assumptions & Limitations
153	GCC	warehouse development	The development is near the Proposed Development but is modest in size. Construction would place additional traffic on Dublin Road were it to occur at the same time, but only at the eastern end of Dublin Road. The risk of cumulative noise effects is lessened by the distance of the Proposed Development from residences.	None	Imperceptible negative during construction without mitigation. Neutral with mitigation.	low
2360146	GCC	32 unit apartment development	The proposal is a 32 unit apartment development beside Educate Together School to which it could add environmental impacts (e.g. noise) in addition, and from another direction, as the Proposed Development. It would also place a modest amount of additional construction traffic on the Dublin Road were it to occur at the same time	Avoid construction at the same time or strengthen mitigation such as noise and visual barriers.	Slight negative effect during construction without mitigation. Neutral with mitigation	medium
2360078	GCC	3 residential units	The proposal is small in size, but near to the eastern end of Dublin Road without other residential properties in close vicinity	None	Imperceptible negative effect, but only if construction occurs in same time period.	low
2460058	GCC	HSE mortuary building	Demolition of existing mortuary building and pump house and construction of three new buildings on Merlin Park Complex at the easter end of Dublin Road which is the less populated.	Avoid construction at the same time due to additional construction traffic unless option of using Merlin Park Lane is available. Avoid simultaneous construction with other HSE proposals	Imperceptible to slight negative, but only if construction occurs in same time period	low
2460107	GCC	ATU 2 storey modular building	The development is moderate in scale. Construction would place additional traffic on Dublin Road and at a busy location in vicinity of Skerritt Roundabout were works on the Proposed Development occurring at this time. The risk of cumulative noise effects is lessened by the distance of the Proposed Development from residences.	Avoid construction at the same time. Avoid simultaneous construction with other ATU proposals. Consider use of R865 as an alternative haulage route should this occur.	Moderate negative during construction without mitigation. Neutral with mitigation.	low
2411	GCC	Demolition of house and replacement	The proposal is small in scale, but occurs beside Dublin Road in an area of elevated noise impacts due to the Proposed Development	Avoid demolition and construction simultaneous with works on the Proposed Development in this section	Slight negative during construction without mitigation. Neutral with mitigation.	low
2460098	GCC	HSE Surgical Building	The development is of moderate scale. Construction would place additional traffic on Dublin Road were it to occur at the same time, but at the eastern end of Dublin Road which is less populated with the option to use Merlin Park Lane is traffic management is in effect. The risk of cumulative noise effects is lessened by the distance of the Proposed Development from residences.	Avoid construction at the same time due to additional construction traffic unless option of using Merlin Park Lane is available. Avoid simultaneous construction with other HSE proposals	Slight negative during construction without mitigation. Neutral with mitigation.	medium

Application Reference	Local Authority Area	'Other Development' and Brief Description	Assessment of Cumulative Effect with Proposed Project	Proposed Mitigation	Residual Cumulative Effect	Uncertainty, Assumptions & Limitations
2432	GCC	2 and 4 storey apartments blocks	The proposal presents a slight cumulative effect if construction were to occur at the same time as the Proposed Development or require use of Dublin Road.	Avoid minimise construction access to Dublin Road if construction occurs at the same time or use alternative routes such as Tuam Road	Slight negative during construction without mitigation. Neutral with mitigation.	low
24/60244	GCC	Demolition of 2 buildings and construction of 4	The proposal is for a site opposite Flannery's Hotel in an area identified as having elevated noise effects under the Proposed Development and in the vicinity of the proposed cemetery development	Avoid construction simultaneous with works on the Proposed Development in this section. Noise and Visual mitigation	Significant negative during construction without mitigation. Neutral with mitigation.	low

Table A20.2.5 Stage 3 & 4: Human Health

Application Reference	Local Authority Area	'Other Development' and Brief Description	Assessment of Cumulative Effect with Proposed Project	Proposed Mitigation	Residual Cumulative Effect	Uncertainty, Assumptions & Limitations
314597	ABP	BusConnects Galway Cross-City Link Scheme	Potential positive effect on access to services on operational phase	None	Potential positive effect on access to services on operational phase	None
318220 (old no.302848)	ABP	N6 Galway City Ring Road Motorway Scheme 2018 and Protected Road Scheme 2018	Potential positive effect on access to services on operational phase	None	Potential positive effect on access to services on operational phase	None
18398	GCC	The Brothers of Charity Services Renmore, Galway	Potential positive effect on access to services on operational phase	None	Potential positive effect on access to services on operational phase	None
21234	GCC	Bon Secours Hospital, Dublin Road, Galway Permission for development which consists of the construction of a 182sqm single storey extension to the Operating Theatre Department, and a 60sqm extension of the existing Theatre Plantroom on the first floor level, and associated works	Potential positive effect on access to services on operational phase	None	Potential positive effect on access to services on operational phase	None
2360002	GCC	Bon Secours Hospital, Dublin Road, Galway Permission for development which consists of construction of a 181m2 single storey extension to the Theatre Department, and a louvre screen 1.5m high around 60m2 external Theatre Plant on the first-floor level, and associated works	Potential positive effect on access to services on operational phase	None	Potential positive effect on access to services on operational phase	None
222	GCC	Health Service Executive Merlin Park Hospital, Galway St. Anne's CAMH Unit, Merlin Park Hospital, Galway	Potential positive effect on access to services on operational phase	None	Potential positive effect on access to services on operational phase	None
23160	GCC	Health Service Executive Merlin Park Hospital, Galway	Potential positive effect on access to services on operational phase	None	Potential positive effect on access to	None

Application Reference	Local Authority Area	'Other Development' and Brief Description	Assessment of Cumulative Effect with Proposed Project	Proposed Mitigation	Residual Cumulative Effect	Uncertainty, Assumptions & Limitations
					services on operational phase	
18423	GCC	Health Service Executive Merlin Park Hospital, Galway	Potential positive effect on access to services on operational phase	None	Potential positive effect on access to services on operational phase	None
21289	GCC	Health Service Executive Merlin Park Hospital, Galway	Potential positive effect on access to services on operational phase	None	Potential positive effect on access to services on operational phase	None

Table A20.2.6 Stage 3 & 4: Biodiversity

Application Reference	Local Authority Area	'Other Development' and Brief Description	Assessment of Cumulative Effect with Proposed Project	Proposed Mitigation	Residual Cumulative Effect	Uncertainty, Assumptions & Limitations
314597	ABP	BusConnects Galway Cross-City Link Scheme	No significant cumulative effects. EIAR and NIS submitted with application including proposed mitigation measures.	None required	Residual effects imperceptible, not significant	None
310797	ABP	Demolition of existing silage concrete apron, construction of 102 no. residential units (35 no. apartments, 67 no. houses), creche and associated site works.	No significant cumulative effects. EIAR and NIS submitted with application including proposed mitigation measures.	None required	Residual effects imperceptible, not significant	None
318220 (old no.302848)	ABP	N6 Galway City Ring Road Motorway Scheme 2018 and Protected Road Scheme 2018	No significant cumulative effects. EIAR and NIS submitted with application including proposed mitigation measures.	None required	Residual effects imperceptible, not significant	None
304928	ABP	288 no. apartments, neighbourhood facility, creche and associated site works.	No significant cumulative effects. EIAR and NIS submitted with application including proposed mitigation measures.	None required	Residual effects imperceptible, not significant	None
310568	ABP	10 year permission - construction of mixed use regeneration project including 376 no. apartments, retail units, cafe/restaurant/bar units, Hotel, office use, childcare facility, car parking and other services and associated site works. (Protected Structure). NIS and EIAR submitted with the planning application.	No significant cumulative effects. EIAR and NIS submitted with application including proposed mitigation measures.	None required	Residual effects imperceptible, not significant	None
2460098	GCC	Permission for development on lands at Merlin Park Hospital Merlin Park Galway which consists of an amendment to planning permission reference 23/160. The proposed development comprises the following: • The provision of a three storey Surgical Hub building (Gross Floor Area: 4,330 sq.m) to include: o Staff Services, Storage and Plant Rooms at Ground Floor Level; o Operating Theatres, Preparation Area, Recovery Area, Waiting Area and ancillary support services at First Floor Level; and o Plant and associated equipment at Second Floor Level. • The provision of roof mounted Solar PV Panels; • The provision of 108 no. car parking spaces (including 6 no. accessible spaces and 20 no. EV charging spaces); • The provision of a new bus stop to be located adjacent to the proposed development; and • All landscaping and other associated site development works required to facilitate the proposed development.	No significant cumulative effects. EIAR and NIS submitted with application including proposed mitigation measures.	None required	Residual effects imperceptible, not significant	None

Table A20.2.7 Stage 3 & 4: Water

Application Reference	Local Authority Area	'Other Development' and Brief Description	Assessment of Cumulative Effect with Proposed Project	Proposed Mitigation	Residual Cumulative Effect	Uncertainty, Assumptions & Limitations
314597	ABP	BusConnects Galway Cross-City Link Scheme	<p>BCGDR ties in with BC Cross City scheme on Old Dublin Road (at approx 75m east of entrance to Wellpark Retail Centre)</p> <p>Construction: There is potential for overlap in the construction phases of the two schemes which could lead to cumulative impacts on water quality from increased sedimentation and accidental releases of polluting substances. Impacts from the Proposed Development are negligible following implementation of the SWMP measures. It is assumed the construction of the proposed development will implement good practice measures in construction and so cumulative impacts are assessed to be not significant.</p> <p>Operation: There is potential for cumulative impacts on surface water runoff; the Proposed Development includes SuDs, attenuation, flow control and pollution control measures. This will ensure no net increase in runoff outflow rates and improve water quality discharge into receiving waterbodies; regulations require all new developments to adhere to this. As such there will be no cumulative impacts during operation.</p>	Surface water management, control and mitigation for avoiding, preventing or reducing significant impacts on the surface water environment during the construction phase is addressed in the Construction Environmental Management Plan (CEMP). In addition to mitigation measures outlined in the SWMP, Method Statements will be provided by the Appointed Contractor.	Con Phase: Short-term, adverse, Imperceptible; Op Phase: No significant	Drainage plans which have informed the assessment of the Proposed Scheme on local waterbodies to be confirmed during detailed design stage
18398	GCC	Permission for development which will consist of a) Construction of a new 3,640 sq. m. single storey special school; b) construction of a 39 sq. m. single storey ancillary storage shed; c) all associated site development works including works to the existing Woodlands campus entrance, revised access road, staff and visitor car parking, bus drop-off areas, new perimeter boundary walls and fences, removal of selected trees and new ancillary site signage; d) all associated site services including surface and foul water drainage rainwater harvesting system, underground rainwater tanks and site lighting	<p>Proposed surface water drainage sewer crossing access to Woodlands (BoC Services) Campus.</p> <p>Construction: There is potential for overlap in the construction phases of the two schemes which could lead to cumulative impacts on water quality from increased sedimentation and accidental releases of polluting substances. Impacts from the Proposed Development are negligible following implementation of the SWMP measures. It is assumed the construction of the proposed development will implement good practice measures in construction and so cumulative impacts are assessed to be not significant.</p> <p>Operation: There is potential for cumulative impacts on surface water runoff; the Proposed Development includes SuDs, attenuation, flow control and pollution control measures. This will ensure no net increase in runoff outflow rates and improve water quality discharge into receiving waterbodies; regulations require all new developments to adhere to this. As such there will be no cumulative impacts during operation.</p>	Surface water management, control and mitigation for avoiding, preventing or reducing significant impacts on the surface water environment during the construction phase is addressed in the Construction Environmental Management Plan (CEMP). In addition to mitigation measures outlined in the SWMP, Method Statements will be provided by the Appointed Contractor.	Con Phase: Short-term, adverse, Imperceptible; Op Phase: No significant	Drainage plans which have informed the assessment of the Proposed Scheme on local waterbodies to be confirmed during detailed design stage
21234	GCC	Permission for development which consists of the construction of a 182sqm single storey extension to the Operating Theatre Department, and a 60sqm extension of the existing Theatre Plantroom on the first floor level, and associated works	<p>Proposed surface water drainage works in vicinity of access to Bon Secours at Renmore Rd Junction</p> <p>Construction: There is potential for overlap in the construction phases of the two schemes which could lead to cumulative impacts on water quality from increased sedimentation and accidental releases of polluting substances. Impacts from the Proposed Development are negligible following implementation of the SWMP measures. It is assumed the construction of the proposed development will implement good practice measures in construction and so cumulative impacts are assessed to be not significant.</p> <p>Operation: There is potential for cumulative impacts on surface water runoff; the Proposed Development includes SuDs, attenuation, flow control and pollution control measures. This will ensure no net increase in runoff outflow rates and improve water quality discharge into receiving waterbodies; regulations require all new developments to adhere to this. As such there will be no cumulative impacts during operation.</p>	Surface water management, control and mitigation for avoiding, preventing or reducing significant impacts on the surface water environment during the construction phase is addressed in the Construction Environmental Management Plan (CEMP). In addition to mitigation measures outlined in the SWMP, Method Statements will be provided by the Appointed Contractor.	Con Phase: Short-term, adverse, Imperceptible; Op Phase: No significant	Drainage plans which have informed the assessment of the Proposed Scheme on local waterbodies to be confirmed during detailed design stage

Application Reference	Local Authority Area	'Other Development' and Brief Description	Assessment of Cumulative Effect with Proposed Project	Proposed Mitigation	Residual Cumulative Effect	Uncertainty, Assumptions & Limitations
2360002	GCC	Permission for development which consists of construction of a 181m <sup>2</sup> single storey extension to the Theatre Department, and a louvre screen 1.5m high around 60m <sup>2</sup> external Theatre Plant on the first-floor level, and associated works	<p>Proposed surface water drainage works in vicinity of access to Bon Secours at Renmore Rd Junction</p> <p>Construction: There is potential for overlap in the construction phases of the two schemes which could lead to cumulative impacts on water quality from increased sedimentation and accidental releases of polluting substances. Impacts from the Proposed Development are negligible following implementation of the SWMP measures. It is assumed the construction of the proposed development will implement good practice measures in construction and so cumulative impacts are assessed to be not significant.</p> <p>Operation: There is potential for cumulative impacts on surface water runoff; the Proposed Development includes SuDs, attenuation, flow control and pollution control measures. This will ensure no net increase in runoff outflow rates and improve water quality discharge into receiving waterbodies; regulations require all new developments to adhere to this. As such there will be no cumulative impacts during operation.</p>	Surface water management, control and mitigation for avoiding, preventing or reducing significant impacts on the surface water environment during the construction phase is addressed in the Construction Environmental Management Plan (CEMP). In addition to mitigation measures outlined in the SWMP, Method Statements will be provided by the Appointed Contractor.	Con Phase: Short-term, adverse, Imperceptible; Op Phase: No significant	Drainage plans which have informed the assessment of the Proposed Scheme on local waterbodies to be confirmed during detailed design stage
2119	GCC	Permission for development which will consist of a two storey residential extension to the rear. The proposed extension will consist of a single storey bicycle store to the South side of the property with pitched roof and new façade replacing existing side garden access. The rear extension to existing kitchen will be line with existing utility room at ground floor with extension of two existing bedrooms at first floor (over), one which will have an en suite within the existing bedroom footprint. The new windows to the West facing first floor bedrooms are so designed as to ensure there is no overlooking to any of their neighbours by way of obscured glazing to fixed frames. It is intended to retain all existing public services, the foul sewer will remain as is with two number new gutter connections to existing surface water sewer.	No direct impacts. Potential access restrictions from Old Dublin Rd as a result of proposed drainage works. Flow monitoring test location 2 is also situated nearby at Gleann Na Ri housing estate.	Surface water management, control is addressed in the Construction Environmental Management Plan (CEMP). No further mitigation is needed	No significant	Drainage plans which have informed the assessment of the Proposed Scheme on local waterbodies to be confirmed during detailed design stage
2276	GCC	Permission for development which will consist of the construction of a single dwelling house and the provision of a new vehicular access point and all other ancillary site services	<p>Proposed surface water drainage sewer in vicinity of landowner plot. Potential access restrictions.</p> <p>Construction: There is potential for overlap in the construction phases of the two schemes which could lead to cumulative impacts on water quality from increased sedimentation and accidental releases of polluting substances. Impacts from the Proposed Development are negligible following implementation of the SWMP measures. It is assumed the construction of the proposed development will implement good practice measures in construction and so cumulative impacts are assessed to be not significant.</p> <p>Operation: There is potential for cumulative impacts on surface water runoff; the Proposed Development includes SuDs, attenuation, flow control and pollution control measures. This will ensure no net increase in runoff outflow rates and improve water quality discharge into receiving waterbodies; regulations require all new developments to adhere to this. As such there will be no cumulative impacts during operation.</p>	Surface water management, control and mitigation for avoiding, preventing or reducing significant impacts on the surface water environment during the construction phase is addressed in the Construction Environmental Management Plan (CEMP). In addition to mitigation measures outlined in the SWMP, Method Statements will be provided by the Appointed Contractor.	Con Phase: Short-term, adverse, Imperceptible; Op Phase: No significant	Drainage plans which have informed the assessment of the Proposed Scheme on local waterbodies to be confirmed during detailed design stage

Application Reference	Local Authority Area	'Other Development' and Brief Description	Assessment of Cumulative Effect with Proposed Project	Proposed Mitigation	Residual Cumulative Effect	Uncertainty, Assumptions & Limitations
19304	GCC	Permission for development which consists of the construction of 2no. 4 storey blocks of apartments, each containing 16no. units with the following breakdown of residential mix: 5no. 1beds and 11no. 2beds, totalling 32no. units overall. Also, the provision of a new vehicular access point, vehicular parking combined with secure bicycle parking spaces and external communal bin storage to the rear, plant area and photovoltaic units to roof level with landscaping and all other ancillary site-works and services	<p>Proposed surface water drainage sewer in vicinity of landowner plot. Potential access restrictions.</p> <p>Construction: There is potential for overlap in the construction phases of the two schemes which could lead to cumulative impacts on water quality from increased sedimentation and accidental releases of polluting substances. Impacts from the Proposed Development are negligible following implementation of the SWMP measures. It is assumed the construction of the proposed development will implement good practice measures in construction and so cumulative impacts are assessed to be not significant.</p> <p>Operation: There is potential for cumulative impacts on surface water runoff; the Proposed Development includes SuDs, attenuation, flow control and pollution control measures. This will ensure no net increase in runoff outflow rates and improve water quality discharge into receiving waterbodies; regulations require all new developments to adhere to this. As such there will be no cumulative impacts during operation.</p>	Surface water management, control and mitigation for avoiding, preventing or reducing significant impacts on the surface water environment during the construction phase is addressed in the Construction Environmental Management Plan (CEMP). In addition to mitigation measures outlined in the SWMP, Method Statements will be provided by the Appointed Contractor.	Con Phase: Short-term, adverse, Imperceptible; Op Phase: No significant	Drainage plans which have informed the assessment of the Proposed Scheme on local waterbodies to be confirmed during detailed design stage
2360146	GCC	Permission for development which consists of amendments to previously approved development at this site at Murrough, Dublin Rd. Galway City. Planning Reference 19/304. The permitted development consists of the construction of 1no. 4 storey blocks of apartments, each containing 32no. units with the following breakdown of residential mix: 12no. 1beds and 20no. 2beds, totaling 32no. units overall. Also, the provision of a new vehicular access point, vehicular parking combined with secure bicycle parking spaces and external communal bin storage to the rear, plant area and photovoltaic units to roof level with landscaping and all other ancillary site-works and services. The proposed amendments consist of solely changes to site boundaries.	<p>Proposed surface water drainage sewer in vicinity of landowner plot. Potential access restrictions.</p> <p>Construction: There is potential for overlap in the construction phases of the two schemes which could lead to cumulative impacts on water quality from increased sedimentation and accidental releases of polluting substances. Impacts from the Proposed Development are negligible following implementation of the SWMP measures. It is assumed the construction of the proposed development will implement good practice measures in construction and so cumulative impacts are assessed to be not significant.</p> <p>Operation: There is potential for cumulative impacts on surface water runoff; the Proposed Development includes SuDs, attenuation, flow control and pollution control measures. This will ensure no net increase in runoff outflow rates and improve water quality discharge into receiving waterbodies; regulations require all new developments to adhere to this. As such there will be no cumulative impacts during operation.</p>	Surface water management, control and mitigation for avoiding, preventing or reducing significant impacts on the surface water environment during the construction phase is addressed in the Construction Environmental Management Plan (CEMP). In addition to mitigation measures outlined in the SWMP, Method Statements will be provided by the Appointed Contractor.	Con Phase: Short-term, adverse, Imperceptible; Op Phase: No significant	Drainage plans which have informed the assessment of the Proposed Scheme on local waterbodies to be confirmed during detailed design stage

Table A20.2.8 Stage 3 & 4: Land & Soil

Application Reference	Local Authority Area	'Other Development' and Brief Description	Assessment of Cumulative Effect with Proposed Project	Proposed Mitigation	Residual Cumulative Effect	Uncertainty, Assumptions & Limitations
314597	Galway City Council	BusConnects Galway Cross-City Link Scheme	The construction of BusConnects Galway Cross-City Link Scheme shall result in an increased loss of recharge area during the operational phase, and increased risk of contamination of the underlying aquifer during the construction phase. However, BusConnects Galway Cross-City Link Scheme and the Proposed Development are already in highly developed areas, therefore the cumulative loss of recharge area from both schemes is considered an impact of negligible magnitude and imperceptible significance. If multiple developments proceed at the same time, during construction there is potential for increased accidental spillages resulting in contamination of the soils and groundwater. Due to the high importance of the regionally important aquifer underlying the Proposed Development, contamination would be of moderate/slight significance.	Proposed mitigation for the cumulative impacts of the schemes are the same as the proposed mitigations for the Proposed Development: Use of shoring and trench boxes Contaminated material disposed at permitted waste site Mitigation against mobilisation of fines through installation of silt traps and appropriately designed dewatering Implementation of an EIRP and CEMP Implement mitigation measures to prevent spills of harmful liquids	Not significant	None
318220 (old no.302848)	Galway City Council	N6 Galway City Ring Road Motorway Scheme 2018 and Protected Road Scheme 2018	The construction of the N6 Galway City Ring Road shall result in an increased loss of recharge area during the operational phase, and substantial earthworks requirements during the construction phase. However, the Proposed Development is already in a highly developed area and contributes little to the cumulative loss of recharge area from both schemes, therefore this impact is considered negligible in magnitude and imperceptible in significance. In addition, there are very limited earthworks for the Proposed Development. As such, the Proposed Development shall contribute minimally to any earthwork's cumulative impacts, both in terms of importation of fill and disposal of surplus or unsuitable soil, is considered negligible in magnitude and imperceptible in significance.	NA	Not significant	None
24/60226 23134	Galway City Council	Permission for development which consists of a new 949m <sup>3</sup> underground storage tank and all associated works. The underground storage tank will provide additional wastewater storage capacity to the Merlin Park pumping station. Associated works include site clearance works, overground kiosks and passive odour control units, underground sewerage manholes, watermain chambers, tank washdown units, tank mixer, 2.4m high security fencing including vehicular and pedestrian gates and 0.45m high wall, bollards, filter drains, etc. Landscaping on the site will include new trees, grassed areas, wildflower areas, footpaths, filter drains, shrub planting, etc. The existing 1500mm diameter surface water sewer will be diverted to avoid the new storage tank. The application is for a 10 year planning permission	If multiple developments proceed at the same time, during construction there is potential for increased accidental spillages and mobilisation of contaminants to the regionally important aquifer below. The underground storage tank is approximately 150m from a GSI identified swallow hole, ID K1, which further increases the potential for mobilisation of contaminants into the aquifer. Due to the high importance of the regionally important aquifer underlying the Proposed Development, contamination would be of moderate/slight significance.	Proposed mitigation for the cumulative impacts of the schemes are the same as the proposed mitigations for the Proposed Development: Use of shoring and trench boxes Contaminated material disposed at permitted waste site Mitigation against mobilisation of fines through installation of silt traps and appropriately designed dewatering Implementation of an EIRP and CEMP Implement mitigation measures to prevent spills of harmful liquids	Not significant	None
1995	Galway City Council	Permission for development which consists of the constructing 51 No. one, two and three bedroom apartments and two one bedroom Town Houses in 6 no. Blocks ranging in height from one storey up to four storey, with sewer connection to adjacent pumping station adjacent Dublin road, together with access/egress off the old coast road to Oranmore and all associated services at Doughiska and Merlin Park Townlands. )Previous Planning Ref No. 17/283	There is potential for operational phase cumulative impacts of reduced groundwater recharge to the underlying regionally important aquifer due to this development, due to increased areas of hardstanding in a previously greenfield site. However, the proposed housing development shall only result in approximately 0.008km <sup>2</sup> of additional hardstanding, therefore the cumulative impact is considered negligible in magnitude and imperceptible in significance.	NA	Not significant	None

Application Reference	Local Authority Area	'Other Development' and Brief Description	Assessment of Cumulative Effect with Proposed Project	Proposed Mitigation	Residual Cumulative Effect	Uncertainty, Assumptions & Limitations
	Galway City Council	Dublin Road Lawn Cemetery	The creation of a new cemetery would have limited potential to result in mobilisation of contaminants into the regionally important aquifer below.	Proposed mitigation for the cumulative impacts of the schemes are the same as the proposed mitigations for the Proposed Development: Use of shoring and trench boxes Contaminated material disposed at permitted waste site Mitigation against mobilisation of fines through installation of silt traps and appropriately designed dewatering Implementation of an EIRP and CEMP Implement mitigation measures to prevent spills of harmful liquids	Not significant	None
LA3/2023	Galway City Council	To provide a segregated high quality cycle route along the R865 Ballybane Road and the L5029 Castlepark Road, Galway; entitled "Ballybane Road and Castlepark Road Cycle Network Scheme"	The construction of the cycle network scheme shall result in an increased loss of recharge area during the operational phase, and increased risk of contamination of the underlying aquifer during the construction phase. However, the proposed cycle network scheme and the Proposed Development are already in highly developed areas, therefore the cumulative loss of recharge area from both schemes is considered an impact of negligible magnitude and imperceptible significance. If multiple developments proceed at the same time, during construction there is limited potential for increased accidental spillages resulting in contamination of the soils and groundwater. Due to the high importance of the regionally important aquifer underlying the Proposed Development, contamination would be of moderate/slight significance.	Proposed mitigation for the cumulative impacts of the schemes are the same as the proposed mitigations for the Proposed Development: Use of shoring and trench boxes Contaminated material disposed at permitted waste site Mitigation against mobilisation of fines through installation of silt traps and appropriately designed dewatering Implementation of an EIRP and CEMP Implement mitigation measures to prevent spills of harmful liquids	Not significant	None

Table A20.2.9 Stage 3 & 4: Cultural Heritage

Application Reference	Local Authority Area	'Other Development' and Brief Description	Assessment of Cumulative Effect with Proposed Project	Proposed Mitigation	Residual Cumulative Effect	Uncertainty, Assumptions & Limitations
314597	ABP	BusConnects Galway Cross-City Link Scheme	Given the scheme type within an urban development there is an identified cumulative effect of the Proposed Development in relation to direct overall impact on the Cultural Heritage resource. However, Given the urban built environment of the Study Area, limited Proposed Development footprint and considering assessment of likely identified impacts at construction and operational stage, it is not likely that the Proposed Development will result in any negative significant cumulative effects on the Cultural Heritage resource with regard to the existing plan/project currently in planning.	None required	Not Significant	Assumes grant of planning of both schemes

Application Reference	Local Authority Area	'Other Development' and Brief Description	Assessment of Cumulative Effect with Proposed Project	Proposed Mitigation	Residual Cumulative Effect	Uncertainty, Assumptions & Limitations
318220 (old no.302848)	ABP	N6 Galway City Ring Road Motorway Scheme 2018 and Protected Road Scheme 2018	Given the scheme type within an urban development there is an identified cumulative effect of the Proposed Development in relation to direct overall impact on the Cultural Heritage resource. However, Given the urban built environment of the Study Area, limited Proposed Development footprint and considering assessment of likely identified impacts at construction and operational stage, it is not likely that the Proposed Development will result in any negative significant cumulative effects on the Cultural Heritage resource with regard to the existing plan/project currently in planning.	None required	Not Significant	Assumes grant of planning of both schemes
18398	GCC	Permission for development which will consist of a) Construction of a new 3,640 sq. m. single storey special school; b) construction of a 39 sq. m. single storey ancillary storage shed; c) all associated site development works including works to the existing Woodlands campus entrance, revised access road, staff and visitor car parking, bus drop-off areas, new perimeter boundary walls and fences, removal of selected trees and new ancillary site signage; d) all associated site services including surface and foul water drainage rainwater harvesting system, underground rainwater tanks and site lighting	Given the scheme type within an urban development there is an identified cumulative effect of the Proposed Development in relation to direct overall impact on the Cultural Heritage resource at the Brothers of Charity complex (boundary area). However, given the heavily modified urban built environment of the Study Area, limited Proposed Development footprint and considering assessment of likely identified impacts at construction and operational stage, it is not likely that the Proposed Development will result in any negative significant cumulative effects on the Cultural Heritage resource with regard to the existing plan/project currently in planning.	None required	Not Significant	Assumes grant of planning of both schemes
24/60226	GCC	Permission for development which consists of a new 949m <sup>3</sup> underground storage tank and all associated works. The underground storage tank will provide additional wastewater storage capacity to the Merlin Park pumping station. Associated works include site clearance works, overground kiosks and passive odour control units, underground sewerage manholes, watermain chambers, tank washdown units, tank mixer, 2.4m high security fencing including vehicular and pedestrian gates and 0.45m high wall, bollards, filter drains, etc. Landscaping on the site will include new trees, grassed areas, wildflower areas, footpaths, filter drains, shrub planting, etc. The existing 1500mm diameter surface water sewer will be diverted to avoid the new storage tank. The application is for a 10 year planning permission	Given the scheme type within an urban development there is an identified cumulative effect of the Proposed Development in relation to direct overall impact on the Cultural Heritage resource Merlin Park designed landscape (boundary area). However, given the heavily modified urban built environment of the Study Area, limited Proposed Development footprint and considering assessment of likely identified impacts at construction and operational stage, it is not likely that the Proposed Development will result in any negative significant cumulative effects on the Cultural Heritage resource with regard to the existing plan/project currently in planning.	None required	Not Significant	Assumes grant of planning of both schemes
18423	GCC	Permission for development which consists of the following:- The provision of a three storey Surgical Hub building (Gross Floor Area: 4,265 sq.m) to include: - Staff Services, Storage and Plant Rooms at Ground Floor Level; - Operating Theatres, Preparation Area, Recovery Area, Waiting Area and ancillary support services at First Floor Level; and -Plant and associated equipment at Second Floor Level. - The provision of roof mounted Solar PV Panels; - The provision of 108 no. car parking spaces (including 6 no. accessible spaces and 20 no. EV charging spaces); - The provision of a new bus stop to be located adjacent to the proposed development; and - All landscaping and other associated site development works required to facilitate the proposed development	Given the scheme type within an urban development there is an identified cumulative effect of the Proposed Development in relation to direct overall impact on the Cultural Heritage resource Merlin Park designed landscape (boundary area). However, given the heavily modified urban built environment of the Study Area, limited Proposed Development footprint and considering assessment of likely identified impacts at construction and operational stage, it is not likely that the Proposed Development will result in any negative significant cumulative effects on the Cultural Heritage resource with regard to the existing plan/project currently in planning.	None required	Not Significant	Assumes grant of planning of both schemes
21289	GCC	Permission for development which will consist of - Construction of a 2,324.3 sq.m (gross) two- storey Outpatients Department Building. - Construction of a 314.7 sq.m (gross) single storey Adult Cystic Fibrosis Outpatients Building - Construction of 88 no. bay car park (comprising 77 no. bay car park south of proposed Outpatients Department Building and the provision of 11 no. car park bays adjacent to Existing Unit 8) - Provision	Given the scheme type within an urban development there is an identified cumulative effect of the Proposed Development in relation to direct overall impact on the Cultural Heritage resource Merlin Park designed landscape (boundary area). However, given the heavily modified urban built environment of the Study Area, limited Proposed Development footprint and considering assessment of likely identified impacts at construction and operational stage, it is not likely that the Proposed Development will result in	None required	Not Significant	Assumes grant of planning of both schemes

Application Reference	Local Authority Area	'Other Development' and Brief Description	Assessment of Cumulative Effect with Proposed Project	Proposed Mitigation	Residual Cumulative Effect	Uncertainty, Assumptions & Limitations
		of pedestrian footpath connection to north to location adjoining Medical Records Building -Provision of bicycle parking, public lighting, roof mounted solar PV panels, roof plant, site landscaping, services, signage and all associated site development works	any negative significant cumulative effects on the Cultural Heritage resource with regard to the existing plan/project currently in planning.			
2460058	GCC	Permission for a development which consists of the demolition of 3 no. buildings on lands at Merlin Park University Hospital, Galway. The proposed development comprises the following: • Demolition of the former mortuary building (GFA: 131.5m <sup>2</sup> ); • Demolition of the security hut (GFA: 13.5m <sup>2</sup> ); and • Demolition of the pump house (GFA: 21.45m <sup>2</sup> ). The proposed development includes for all site development works and services ancillary to the proposed development	Given the scheme type within an urban development there is an identified cumulative effect of the Proposed Development in relation to direct overall impact on the Cultural Heritage resource Merlin Park designed landscape (boundary area). However, given the heavily modified urban built environment of the Study Area, limited Proposed Development footprint and considering assessment of likely identified impacts at construction and operational stage, it is not likely that the Proposed Development will result in any negative significant cumulative effects on the Cultural Heritage resource with regard to the existing plan/project currently in planning.	None required	Not Significant	Assumes grant of planning of both schemes
2460098	GCC	Permission for development on lands at Merlin Park Hospital Merlin Park Galway which consists of an amendment to planning permission reference 23/160. The proposed development comprises the following: • The provision of a three storey Surgical Hub building (Gross Floor Area: 4,330 sq.m) to include: o Staff Services, Storage and Plant Rooms at Ground Floor Level; o Operating Theatres, Preparation Area, Recovery Area, Waiting Area and ancillary support services at First Floor Level; and o Plant and associated equipment at Second Floor Level. • The provision of roof mounted Solar PV Panels; • The provision of 108 no. car parking spaces (including 6 no. accessible spaces and 20 no. EV charging spaces); • The provision of a new bus stop to be located adjacent to the proposed development; and • All landscaping and other associated site development works required to facilitate the proposed development.	Given the scheme type within an urban development there is an identified cumulative effect of the Proposed Development in relation to direct overall impact on the Cultural Heritage resource Merlin Park designed landscape (boundary area). However, given the heavily modified urban built environment of the Study Area, limited Proposed Development footprint and considering assessment of likely identified impacts at construction and operational stage, it is not likely that the Proposed Development will result in any negative significant cumulative effects on the Cultural Heritage resource with regard to the existing plan/project currently in planning.	None required	Not Significant	Assumes grant of planning of both schemes
LA3/2023	GCC Pt. 8	To provide a segregated high quality cycle route along the R865 Ballybane Road and the L5029 Castlepark Road, Galway; entitled "Ballybane Road and Castlepark Road Cycle Network Scheme"	Given the scheme type within an urban development there is an identified cumulative effect of the Proposed Development in relation to direct overall impact on the Cultural Heritage resource. However, Given the urban built environment of the Study Area, limited Proposed Development footprint and considering assessment of likely identified impacts at construction and operational stage, it is not likely that the Proposed Development will result in any negative significant cumulative effects on the Cultural Heritage resource with regard to the existing plan/project currently in planning.	None required	Not Significant	Assumes grant of planning of both schemes
<b>Other Major Projects</b>						
<i>Other Major Projects – projects which were at a pre-application stage at the time of identification, but which are anticipated to be developed over the time period for the Bus Corridor Infrastructure Works. These include projects from various sectors including energy, utilities and transport;</i>						
MP1	Galway to Athlone Cycleway (Galway City to Oranmore)		Given the scheme type within an urban development there is an identified cumulative effect of the Proposed Development in relation to direct overall impact on the Cultural Heritage resource. However, Given the urban built environment of the Study Area, limited Proposed Development footprint and considering assessment of likely identified impacts at construction and operational stage, it is not likely that the Proposed Development will result in any negative significant cumulative effects on the Cultural Heritage resource with regard to the existing plan/project currently in planning.	None required	Not Significant	Assumes grant of planning of both schemes

Application Reference	Local Authority Area	'Other Development' and Brief Description	Assessment of Cumulative Effect with Proposed Project	Proposed Mitigation	Residual Cumulative Effect	Uncertainty, Assumptions & Limitations
MP2	Parkmore Multi-modal Corridor		Given the scheme type within an urban development there is an identified cumulative effect of the Proposed Development in relation to direct overall impact on the Cultural Heritage resource. However, Given the urban built environment of the Study Area, limited Proposed Development footprint and considering assessment of likely identified impacts at construction and operational stage, it is not likely that the Proposed Development will result in any negative significant cumulative effects on the Cultural Heritage resource with regard to the existing plan/project currently in planning.	None required	Not Significant	Assumes grant of planning of both schemes
MP3	Park and Ride (Parkmore/Doughiska and Oran Mor Transportation Hub)		Given the scheme type within an urban development there is an identified cumulative effect of the Proposed Development in relation to direct overall impact on the Cultural Heritage resource. However, Given the urban built environment of the Study Area, limited Proposed Development footprint and considering assessment of likely identified impacts at construction and operational stage, it is not likely that the Proposed Development will result in any negative significant cumulative effects on the Cultural Heritage resource with regard to the existing plan/project currently in planning.	None required	Not Significant	Assumes grant of planning of both schemes
MP7	GCC new cemetery development on former playing fields beside Connacht Hotel		This cemetery site is also the location for a temporary works area for the Proposed Development. Ground preparatory works that will be required is unlikely to have a negative cumulative effect on the cultural heritage resource (greenfield site, no identified receptors)	None required	Not Significant	Assumes grant of planning of both schemes
<b>Plans and Programmes</b>						
P1	Galway City Council Development Plan 2023-2029		The plan provides for protection of the Cultural Heritage resource. Given the scheme scale and type within an urban environment and considering assessment of likely identified impacts at construction and operational stage, it is not likely that the Proposed Development will result in any negative significant cumulative effects on the Cultural Heritage resource with regard to the existing plan.	None required	Not Significant	Assumes grant of planning of both schemes
P2	Galway County Development Plan 2022-2028		The plan provides for protection of the Cultural Heritage resource. Given the scheme scale and type within an urban environment and considering assessment of likely identified impacts at construction and operational stage, it is not likely that the Proposed Development will result in any negative significant cumulative effects on the Cultural Heritage resource with regard to the existing plan.	None required	Not Significant	Assumes grant of planning of both schemes

Table A20.2.10 Stage 3 & 4: Landscape & Visual

Application Reference	Local Authority Area	'Other Development' and Brief Description	Assessment of Cumulative Effect with Proposed Project	Proposed Mitigation	Residual Cumulative Effect	Uncertainty, Assumptions & Limitations
314597	ABP	BusConnects Galway Cross-City Link Scheme	Permanent, imperceptible	None	Permanent, imperceptible	Assumes grant of planning of both schemes

Application Reference	Local Authority Area	'Other Development' and Brief Description	Assessment of Cumulative Effect with Proposed Project	Proposed Mitigation	Residual Cumulative Effect	Uncertainty, Assumptions & Limitations
18413	GCC	<p>Permission for the revision to previously permitted housing redevelopment (Pl. Reg. Ref. No. 16/308). Under Pl. Ref. No. 16/308 permission was granted for the demolition of the 3 no. existing houses on site and the construction of 6 no. terraced houses with a consolidated new entrance onto the Dublin Road. The proposed development will consist of the following revisions: (1) Construction of 2 no. additional residential units (comprising of 1 no. three bed townhouse and 1 no. two bed townhouses) on an enlarged site, to the south/rear of the 6 no. permitted terraced houses. (2) Revisions to previously permitted layout to included for a revised landscaping layout and revised back garden extents to the permitted terraced houses. (3) Provision of additional surface car parking spaces additional communal open space, private open spaces and public lighting to serve the proposed 2 no. additional townhouses, together with all associated site works and services</p>	<p>Construction: Temporary, moderate to slight negative            Operation: Short-term slight negative</p>	Tree planting proposed as part of scheme	Imperceptible to neutral	Assumes grant of planning of both schemes
2411	GCC	<p>Permission for a development which consists of 1. Demolition of existing Dormer Dwelling house 2. The construction of 4 no. 2 Bed Townhouses in a single storey block, with associated site works and services 3. New relocated Vehicular Front Entrance to proposed townhouses with acceptable road sight lines</p>	<p>Construction: Temporary, moderate to slight negative            Operation: Short-term slight negative</p>	Tree planting proposed as part of scheme	Imperceptible to neutral	Assumes grant of planning of both schemes
24/60244	GCC	<p>Permission for development which consists of; the demolition of 3 No. existing dwellings and the construction of a 4 storey apartment building containing 24 No. residential units (10 No. 1 bed, 13 No. 2 bed and 1 No. 3 bed) and all associated site and external works including a revised site entrance, ancillary sheltered bin and bike stores and drainage connections. at 47, 49 &amp; 51 Dublin Road Galway Co. Galway H91 Y7WP</p>	<p>Construction: Temporary, moderate to slight negative            Operation: Short-term slight negative</p>	Tree planting proposed as part of scheme	Imperceptible to neutral	Assumes grant of planning of both schemes
	GCC	Galway City Biodiversity Action Plan 2014-2024	<p>Construction: Temporary, moderate, negative            Operation: Short-term, moderate, negative</p>	Tree planting proposed as part of scheme	Imperceptible to positive	