METROLINK

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A30.2

Cumulative Assessment Table Stage 3 & 4

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
F15A/0141 2552/15	Fingleton White: Aviation fuel pipeline from Dublin Airport to Dublin Port	**Traffic & Transport:** No significant cumulative impact predicted	**Traffic & Transport:** Not applicable.	**Traffic & Transport:** Not Significant.
		Human Health: Human health assessment noted within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: There are no residences living within Dublin Airport, hence no significant cumulative impacts anticipated with respect to population during construction and operation of this development. No relevant impacts are considered likely for visiting or working populations.	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** Not Significant.
		Electromagnetic Interference: No significant cumulative impacts predicted to occur with respect to electromagnetic radiation during construction or operation of this development.	**Electromagnetic Interference**: Not applicable.	**Electromagnetic Interference**: Imperceptible.
		Airborne Noise & Vibration: Projects sufficiently set back from each other and screened by existing on-site buildings such that no significant cumulative noise or vibration impacts are likely during the Construction Phase if both developments are under construction at the same time. There are no cumulative operational noise or vibration impacts.	**Airborne Noise & Vibration:** Construction noise and vibration mitigation measures and limit values are outlined in the outline Construction Environmental Management Plan (outline CEMP) in Appendix A5.1 and Chapter 13 (Airborne Noise & Vibration) of the EIAR are designed to avoid significant impacts at closest sensitive locations to the proposed Project. This will ensure cumulative noise and vibration impacts are avoided in this area.	**Airborne Noise & Vibration:** Not Significant.
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction and/or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss arising from extreme habitat degradation.	**Biodiversity**: Mitigation proposed in Chapter 15 (Biodiversity) and Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events.	**Biodiversity:** Not Significant.
		Air Quality: Potential for cumulative dust impacts during the Construction Phase if both developments are under construction at the same time.	**Air Quality:** Dust mitigation measures outlined in the outline CEMP in Appendix A5.1 and Chapter 16 (Air Quality) of the EIAR will mitigate potential cumulative dust impacts. Dust deposition monitoring on the proposed Project will confirm concentrations within guideline values.	**Air Quality:** Not Significant.
		Climate: No significant cumulative effects will occur with respect to climate during construction and operation of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during operational phase.	**Climate:** Not applicable.	**Climate:** Not Significant.
		Hydrology: Potential for cumulative impact due to removal of contaminated soils on both developments. There would be the potential for runoff of contaminated soil to impact surface water quality of nearby surface waterbodies, in the absence of any mitigation. Potential for cumulative impact due to accidental pollution event during the construction and/or operation of this development on Cuckoo Stream or Sluice River for example and hence potential impact on downstream habitats including Baldoyle Estuary Nature Reserve.	**Hydrology:** Identification of suitable disposal licenced sites for contaminated soil. Mitigation proposed to protect surface water quality at nearby watercourses including the Cuckoo Stream/Sluice River during construction and operation of the proposed Project will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats.	**Hydrology:** Not Significant.
		Hydrogeology: Potential for cumulative impact due to removal of contaminated soils on both developments. Potential for cumulative impact due to an accidental pollution event/discharge to ground from this development on local hydrogeology for example with potential downstream effects including where groundwater discharges to surface water	**Hydrogeology:** Identification of suitable disposal licenced sites for contaminated soil. Mitigation proposed to protect groundwater as well as surface water quality at nearby watercourses including the Cuckoo Stream/Sluice River during construction and operation of the proposed Project will prevent groundwater and surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within	**Hydrogeology:** Not Significant.

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		features including Cuckoo Stream, the Sluice River and Baldoyle Estuary Nature Reserve.	Chapter 19 (Hydrogeology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats.	
		Soils & Geology: Routes do not cross but pipeline terminates at Dublin Airport, within approximately 100m of the proposed Dublin Airport Station and associated tunnel. Potential cumulative effects from alteration of source-pathway-receptor linkages relating to the infilled former quarry at Dublin Airport Station.	**Soils & Geology:** Potential cumulative effects relating to land contamination will need to be defined based on the extent and nature of the works.	**Soils & Geology:** Slight/Imperceptible.
		Land Take: None. The development area is outside of the proposed Project permanent and temporary land take boundaries and is not continuous with any land take parcels.	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: Routes do not cross but pipeline terminates at Dublin Airport, within approximately 100m of proposed Dublin Airport Station and associated tunnel. Should the Construction Phases overlap there is potential for cumulative disturbance if utility diversions are required as part of the pipeline development.	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** None.
		Agronomy: No cumulative impacts are predicted as they are both underground at this location.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: Potential for additional excavated material requiring disposal to arise from this development. This may reduce the available management capacity available to the proposed Project should this development occur before or at the same time as the proposed Project. Any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** Mitigation proposed in Chapter 24 (Material & Waste Management) of the EIAR will be sufficient to manage the cumulative impact from material use and waste generation.	**Material & Waste Management:** None
		Archaeology & Cultural Heritage: Impacts to known and potential unknown archaeological deposits. Cumulative impact on archaeological heritage of Dublin but not considered significant	**Archaeology & Cultural Heritage:** Proposed mitigation within this EIAR is sufficient to manage the cumulative impact	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No cumulative impacts are predicted as the proposed Project works will be largely underground at this location.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: No cumulative impacts are predicted as they are both underground at this location.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** None.
F04A/1755/E1 F19A/0023	daa (formerly Dublin Airport Authority Plc): Construction on airport lands of a runway, 3,110m in length and 75m in width.	**Traffic & Transport:** Runway construction is completed prior to station construction so does not cause any impact. Provision of additional runway already included in operational forecasts of passenger numbers on the proposed Project, impacts already mitigated by design.	**Traffic & Transport:** Not applicable.	**Traffic & Transport:** Not Significant.
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: No significant cumulative impacts will occur with respect to population during construction of this development given the indicative construction programme that has been identified. Once operational, the proposed Project will improve the accessibility of and journey amenity to/from this development by way of the Dublin Airport Station. This is a positive cumulative effect during operation.	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** Operational Phase - Slight, Permanent, Positive
		Electromagnetic Interference: No significant cumulative impacts predicted to occur with respect to electromagnetic radiation during construction or operation of this development.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** Imperceptible.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Airborne Noise & Vibration: No significant cumulative impacts will occur with respect to airborne noise & vibration during construction of this development given the indicative construction programme that has been identified. There are no cumulative operational noise or vibration impacts.	**Airborne Noise & Vibration:** Construction noise and vibration mitigation measures and limit values outlined in the outline CEMP in Appendix A5.1 and Chapter 13 (Airborne Noise & Vibration) of the EIAR are designed to avoid significant impacts at closest sensitive locations to the proposed Project. This will ensure cumulative noise and vibration impacts are avoided in this area.	**Airborne Noise & Vibration:** Not Significant.
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site during construction or operation of the projects.	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity: Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss arising from extreme habitat degradation. No significant cumulative impacts will occur with respect to biodiversity during construction of this development given the indicative construction programme that has been identified. Increased disturbance effects arising from the Operational Phases may act cumulatively to permanently displace fauna from the locality.	**Biodiversity**: Mitigation proposed in Chapter 15 (Biodiversity) and Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 to protect surface water quality during operation of the proposed Project will prevent surface water pollution events.	**Biodiversity:** Not Significant
		Air Quality: No significant cumulative impacts will occur with respect to air quality during construction of this development given the indicative construction programme that has been identified.	**Air Quality:** Not applicable.	**Air Quality:** None.
		Climate: No significant cumulative effects will occur with respect to climate during the operation of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate:** Not applicable.	**Climate:** Not Significant.
		Hydrology: Potential for cumulative impact due to removal of contaminated soils on both developments. There would be the potential for runoff of contaminated soil to impact surface water quality of nearby surface waterbodies, in the absence of any mitigation. Potential for impact on site drainage and connection with Sluice River/Ward River for example. Potential for cumulative impact due to accidental pollution event during the operation of this development on the Ward River and its tributaries or Sluice River for example and hence potential impact on downstream habitats including Malahide Estuary or Baldoyle Estuary Nature Reserve, respectively.	**Hydrology:** Identification of suitable disposal licenced sites for contaminated soil. Construct in line with the outline CEMP in Appendix A5.1. Mitigation proposed to protect surface water quality at nearby watercourses/tributaries to same including the Ward River or Sluice River during construction and operation of the proposed Project will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats.	**Hydrology:** Not Significant.
		Hydrogeology: Potential for local reduction in recharge to ground. Potential for cumulative impact due to removal of contaminated soils on both developments. Potential for cumulative impact due to accidental pollution/discharge to ground event during the operation of this development on the Ward River and its tributaries or the Sluice River for example where groundwater discharges to these surface water features and hence potential impact on downstream habitats including Malahide Estuary or Baldoyle Estuary Nature Reserve, respectively.	**Hydrogeology:** Recharge to ground where feasible as part of SuDS. Identification of suitable disposal licenced sites for contaminated soil. Mitigation proposed to protect local groundwater as well as surface water quality at nearby watercourses/tributaries to same, including the Ward River or Sluice River during operation of the proposed Project, will prevent groundwater and surface water pollution events.	**Hydrogeology:** Not Significant/Imperceptible.
		Soils & Geology: No significant cumulative impacts will occur with respect to soils & geology during construction of this development given the indicative construction programme that has been identified.	**Soils & Geology:** Not applicable.	**Soils & Geology:** None.

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		Land Take: No cumulative impacts are predicted as the runway is outside of the proposed Project permanent and temporary land take boundaries. The proposed Project alignment is tunnelled in this section.	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: There is no potential for an overlap in construction activities due to the proposed construction programme for this development. Underground tunnelling will connect both the Dublin Airport North and South Portal sites, so for the airport section of the proposed Project alignment, surface construction works are only associated with ventilation tunnels, intervention shafts and Dublin Airport Station.	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** None.
		Agronomy: No cumulative impacts are predicted as there are no agricultural lands present.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: There is no potential for an overlap in construction activities due to the proposed construction programme for this development.	**Material & Waste Management:** Not applicable.	**Material & Waste Management:** None.
		Archaeology & Cultural Heritage: No cumulative impacts are predicted	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No cumulative impacts are predicted.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: No significant cumulative impacts are predicted.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** Not Significant.
F18A/0421	Kategale Limited: Phase 1 of a 2-phase masterplan for a mixed residential and commercial development on an overall site of c. 1.47 hectares including adjoining lands to the east bound by Northwood Avenue and Northwood Park.	**Traffic & Transport:** If Construction Phases overlap, there may be negative impacts on the surrounding road network in terms of additional vehicles causing delay. Negligible impact on Project in Operational Phase	**Traffic & Transport:** Chapter 9 (Traffic & Transport) of the EIAR outlines mitigation measures that will be implemented to minimise impact of traffic associated with the proposed Project	**Traffic & Transport:** Negative and Slight.
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: The construction of both projects could potentially affect local accessibility of the population in Northwood should these developments be constructed concurrently. Once operational, the proposed Project will improve the accessibility and to/from this development by way of Northwood Station. This is a positive cumulative effect during operation.	**Population & Land-Use:** Traffic and transport mitigation measures outlined in Chapter 9 (Traffic & Transport) of the EIAR will be implemented during construction to reduce impact on population.	**Population & Land-Use:** Negative and Slight during construction. Slight, Permanent, Positive during operation
		Electromagnetic Interference: No significant cumulative impact predicted	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** Imperceptible.
		Airborne Noise & Vibration: Potential for moderate cumulative noise and vibration impacts during the Construction Phase if both developments are under construction at the same time. Cumulative effects only likely to occur during excavation or foundation stages of adjacent site development. There are no significant likely cumulative noise or vibration Operational Phase impacts.	**Airborne Noise & Vibration:** Construction noise and vibration mitigation measures and limit values outlined in the outline CEMP in Appendix A5.1 and Chapter 13 (Airborne Noise & Vibration) of the EIAR are designed to avoid significant impacts at closest sensitive locations to the proposed Project. Where concurrent works are occurring at same locations, mitigation measures will be required to ensure limit values are not exceeded from both projects	**Airborne Noise & Vibration:** Potential for cumulative Temporary, Moderate construction noise and vibration impacts depending on timing of works
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction and/or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss from extreme habitat degradation.	**Biodiversity:** Mitigation proposed in proposed Chapter 15 (Biodiversity) and Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events.	**Biodiversity:** Surface water: Not Significant. Disturbance: Not significant Habitat loss: Significant at the local geographic scale and permanent.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Should the Construction Phases overlap there is potential for cumulative disturbance on fauna resulting in displacement from the locality Potential for cumulative impacts on habitats and species as a result of direct habitat loss arising from the construction of the proposed Project.	Mitigation proposed in Chapter 15 (Biodiversity) to reduce disturbance impacts on fauna species during the Construction Phase of the proposed Project will mitigate potential cumulative impacts on fauna species. Mitigation proposed in Chapter 15 (Biodiversity) to minimise habitat loss and retain vegetation during the Construction Phase of the proposed Project will mitigate potential cumulative impacts on habitats and species. Nonetheless, the effects of habitat loss will remain significant at the local geographic scale for the habitats depositing / lowland rivers (FW2), drainage ditches (FW4), species-rich dry calcareous grassland (GS1), wet grassland (GS4), (mixed) broadleaved woodland (WD1), mixed conifer woodland (WD3), scattered trees and parkland (WD5), hedgerows (WL1), treelines (WL2) and immature woodland (WS2), and for the breeding bird species yellowhammer.	
		Air Quality: Potential for cumulative dust impacts during the Construction Phase if both developments are under construction at the same time. Potential increase in operational traffic emissions in the local area due to development however the proposed Project will provide a public transport option which may reduce private car demand.	**Air Quality:** Dust mitigation measures outlined in the outline CEMP in Appendix A5.1 and Chapter 16 (Air Quality) of the EIAR will mitigate potential cumulative dust impacts. Dust deposition monitoring on the proposed Project will confirm concentrations within guideline values. Traffic and transport mitigation measures during construction to reduce impact on air quality.	**Air Quality:** Not Significant.
		Climate: Potential increase in traffic emissions in the local area due to development however the proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate:** Traffic and transport mitigation measures outlined in Chapter 9 (Traffic & Transport) of the EIAR will be implemented during construction to reduce impact on climate.	**Climate:** Not Significant.
		Hydrology: Potential for cumulative impact on nearby drainage channels and connection with the Santry River for example, due to accidental pollution event during the construction and/or operation of this development and hence potential impact on downstream habitats including Dublin Bay here.	**Hydrology:** Mitigation proposed to protect surface water quality at nearby identified watercourses including during construction and operation of the proposed Project, will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Recharge to ground where feasible as part of SuDS.	**Hydrology**: Not Significant.
		Hydrogeology: Potential for local reduction in recharge to ground (where there will be new land take in urban setting). Potential for cumulative impact due to accidental pollution/discharge to ground event during the construction and/or operation of this development on nearby watercourses and where groundwater discharges to these surface water features and hence potential impact on downstream habitats.	**Hydrogeology:** Mitigation proposed to protect local groundwater within development boundaries as well as surface water quality at nearby watercourses/tributaries to same, during construction and operation of the proposed Project, will prevent groundwater and surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Recharge to ground where feasible as part of SuDS.	**Hydrogeology:** Imperceptible.
		Soils & Geology: Potential for permanent additional loss of soil from the adjacent development as well as that from the Northwood station and TBM launch site. Effect is likely to be low adverse (loss of an area of low fertility/use and hence low importance urban soils).	**Soils & Geology:** Mitigation may not be possible for loss of local soils given nature of development, although dependent on development of a soil reuse strategy for the scheme.	**Soils & Geology:** Imperceptible.
		Land Take: No cumulative impacts predicted as the development area is outside of the proposed Project permanent and temporary land take boundaries.	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: Should the Construction Phases overlap there is potential for cumulative disturbance if utility diversions are required as part of the Kategale Limited development.	**Infrastructure & Utilities:** All utility diversions and new connections will be agreed with the relevant service providers. Designs for utility diversions have already been agreed in principle with the relevant utility providers and design	**Infrastructure & Utilities:** Not Significant.

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			refinement will be subject to further consultation. The duration of any service outage will be finalised with the relevant utility providers.	
		Agronomy: No cumulative impacts are predicted.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Moderate adverse
		Archaeology & Cultural Heritage: No cumulative impacts are predicted.	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No cumulative impacts are predicted as the proposed Project works will be largely underground at this location.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: Not Significant.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** Not Significant.
F18A/0438	Kategale Limited: Phase 2 of a 2-phase masterplan for a mixed residential and commercial development on an overall site of c.1.47 hectares, including adjoining lands to the west bound by Northwood Avenue and Domville Wood (the Old Ballymun Road).	**Traffic & Transport:** If Construction Phases overlap, there may be negative impacts on the surrounding road network in terms of additional vehicles causing delay. Negligible impact on Project in Operational Phase	**Traffic & Transport:** Chapter 9 (Traffic & Transport) of the EIAR outlines mitigation measures that will be implemented to minimise impact of traffic associated with the proposed Project	**Traffic & Transport:** Negative and Slight
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: The construction of both projects will impact journey amenity of the population in Northwood should these developments be constructed concurrently. Once operational, the proposed Project will improve the accessibility of and journey amenity to/from this development by way of Northwood Station. This is a positive cumulative effect during operation.	**Population & Land-Use:** Traffic and transport mitigation measures outlined in Chapter 9 (Traffic & Transport) of the EIAR will be implemented during construction to reduce impact on population	**Population & Land-Use:** Negative and Slight during construction. Slight, Permanent, Positive during operation
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** Imperceptible.
		Airborne Noise & Vibration: Potential for slight to minor cumulative noise and vibration impacts during the Construction Phase if both developments are under construction at the same time. Cumulative effects only likely to occur during excavation or foundation stages of adjacent site development. There are no significant likely cumulative noise or vibration Operational Phase impacts.	**Airborne Noise & Vibration:** Construction noise and vibration mitigation measures and limit values outlined in the outline CEMP in Appendix A5.1 and Chapter 13 (Airborne Noise & Vibration) of the EIAR are designed to avoid significant impacts at closest sensitive locations to the proposed Project. This will ensure cumulative noise and vibration impacts are avoided in this area.	**Airborne Noise & Vibration:** Not Significant.
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction and/or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss from extreme habitat degradation. Should the Construction Phases overlap there is potential for cumulative disturbance on fauna resulting in displacement from the locality Potential for cumulative impacts on habitats and species as a result of direct habitat loss arising from the construction of the proposed Project.	**Biodiversity:** Mitigation proposed in proposed Chapter 15 (Biodiversity) and Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events. Mitigation proposed in Chapter 15 (Biodiversity) to reduce disturbance impacts on fauna species during the Construction Phase of the proposed Project will mitigate potential cumulative impacts on fauna species. Mitigation proposed in Chapter 15 (Biodiversity) to minimise habitat loss and retain vegetation during the Construction Phase of the proposed Project will mitigate potential cumulative impacts on habitats and species.	**Biodiversity:** Surface water: Not Significant. Disturbance: Not Significant Habitat loss: Significant at the local geographic scale and permanent.

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			Nonetheless, the effects of habitat loss will remain significant and permanent at the local geographic scale for the habitats depositing / lowland rivers (FW2), drainage ditches (FW4), species-rich dry calcareous grassland (GS1), wet grassland (GS4), (mixed) broadleaved woodland (WD1), mixed conifer woodland (WD3), scattered trees and parkland (WD5), hedgerows (WL1), treelines (WL2) and immature woodland (WS2), and for the breeding bird species yellowhammer.	
		Air Quality: Potential for cumulative dust impacts during the Construction Phase if both developments are under construction at the same time. Potential increase in operational traffic emissions in the local area due to development however the proposed Project will provide a public transport option which may reduce private car demand.	**Air Quality:** Dust mitigation measures outlined in the outline CEMP in Appendix A5.1 and Chapter 16 (Air Quality) of the EIAR will mitigate potential cumulative dust impacts. Dust deposition monitoring on the proposed Project will confirm concentrations within guideline values. Traffic and transport mitigation measures during construction to reduce impact on air quality.	**Air Quality:** Not Significant.
		Climate: Potential increase in traffic emissions in the local area due to development however The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate:** Traffic and transport mitigation measures outlined in Chapter 9 (Traffic & Transport) of the EIAR will be implemented during construction to reduce impact on climate.	**Climate:** Not Significant.
		Hydrology: Potential for cumulative impact on nearby drainage channels and connection with the River Santry for example, due to accidental pollution event during the construction and/or operation of this development and hence potential impact on downstream habitats including Dublin Bay here.	**Hydrology:** Mitigation proposed to protect surface water quality at nearby identified watercourses including during construction and operation of the proposed Project, will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Recharge to ground where feasible as part of SuDS.	**Hydrology**: Not Significant.
		Hydrogeology: Potential for local reduction in recharge to ground (where there will be new land take in urban setting). Potential for cumulative impact due to accidental pollution/discharge to ground event during the construction and/or operation of this development on nearby watercourses and where groundwater discharges to these surface water features and hence potential impact on downstream habitats.	**Hydrogeology:** Mitigation proposed to protect local groundwater within development boundaries as well as surface water quality at nearby watercourses/tributaries to same, during construction and operation of the proposed Project, will prevent groundwater and surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Recharge to ground where feasible as part of SuDS.	**Hydrogeology:** Imperceptible.
		Soils & Geology: Potential for permanent additional loss of soil from the adjacent development as well as that from the Northwood station and TBM launch site. Effect is likely to be low adverse (loss of an area of low fertility/use and hence low importance urban soils).	**Soils & Geology:** Mitigation may not be possible for loss of local soils given nature of development, although dependent on development of a soil reuse strategy for the scheme.	**Soils & Geology:** Imperceptible.
		Land Take: None. The development area is outside of the proposed Project permanent and temporary land take boundaries.	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: Should the Construction Phases overlap there is potential for cumulative disturbance if utility diversions are required as part of the Kategale Limited development.	**Infrastructure & Utilities:** All utility diversions and new connections will be agreed with the relevant service providers. Designs for utility diversions have already been agreed in principle with the relevant utility providers and design refinement will be subject to further consultation. The duration of any service outage will be finalised with the relevant utility providers.	**Infrastructure & Utilities:** Not significant
		Agronomy: No cumulative impacts are predicted.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Moderate adverse

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		management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.		
		Archaeology & Cultural Heritage: No cumulative impacts are predicted.	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No cumulative impacts are predicted as the proposed Project works will be largely underground at this location.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: Not Significant.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** Not Significant.
2415/19	Atlas GP Trading Limited: The proposed development consists of the amalgamation and re-organisation of the permitted basements and floor levels of both buildings and the removal of the permitted car lifts onto Townsend Street	**Traffic & Transport:** No cumulative impacts are predicted.	**Traffic & Transport:** Not applicable.	**Traffic & Transport:** None.
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: No significant cumulative effects will occur with respect to population during construction of this development given that this is an extension of an existing hotel and proximity of this development to the proposed Project. Given the nature and scale of this development, no significant cumulative effects anticipated with respect to population during operation of this development.	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** Not Significant.
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** Imperceptible.
		Airborne Noise & Vibration: Projects sufficiently set back from each other, and nature of works associated with 2415/19 not sufficiently intrusive to surrounding external environment such that no significant cumulative noise or vibration impacts are likely during the Construction Phase if both developments are under construction at the same time. There are no cumulative operational noise or vibration impacts	**Airborne Noise & Vibration:** Not applicable.	**Airborne Noise & Vibration:** Not Significant.
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity: Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction and/or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss from extreme habitat degradation.	**Biodiversity:** Mitigation proposed in proposed Chapter 15 (Biodiversity) and Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events.	**Biodiversity:** Not Significant
		Air Quality: No significant cumulative effects will occur with respect to air quality during construction of this development.	**Air Quality:** Not applicable.	**Air Quality:** Not Significant.
		Climate: No significant cumulative effects will occur with respect to climate during construction and operation of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate:** Not applicable.	**Climate:** Not Significant.
		Hydrology: Potential for cumulative impact due to removal of contaminated soils from this development and the proposed Project. There would be the potential for runoff of contaminated soil to impact surface water quality of nearby surface waterbodies, in the absence of any mitigation. Potential for cumulative impact on nearby drainage channels and connection with the River Liffey for example, due to accidental pollution event during the construction	**Hydrology:** Identification of suitable disposal licenced sites for contaminated soil Mitigation proposed to protect surface water quality at nearby identified watercourses including the River Liffey during construction and operation of the proposed Project, will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) of the EIAR and in the	**Hydrology:** Not Significant./Imperceptible.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		and/or operation of this development and hence potential impact on downstream habitats including Dublin Bay here.	outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats.	
		Hydrogeology: Potential for cumulative impact due to removal of contaminated soils from this development and the proposed Project Potential for cumulative impact due to accidental pollution/discharge to ground event during the construction and/or operation of this development on nearby watercourses including the River Liffey -which is likely in hydraulic contact with local hydrogeology including underground/buried river deposits- and where groundwater discharges to nearby surface water features and hence potential impact on downstream habitats (Dublin Bay in this case).	**Hydrogeology:** Identification of suitable disposal licenced sites for contaminated soil. Mitigation proposed to protect local groundwater within development boundaries as well as surface water quality at nearby watercourses/tributaries to same, during construction and operation of the proposed Project, will prevent groundwater and surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats.	**Hydrogeology:** Not Significant./Imperceptible.
		Soils & Geology: Cumulative impacts relating to soils and geology unlikely given distance from proposed Project, setting and nature of development.	**Soils & Geology:** Not applicable.	**Soils & Geology:** None.
		Land Take: None. The development area is outside of the proposed Project permanent and temporary land take boundaries.	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: Although the development is in close proximity to the proposed Project, given the scale and nature of the works no cumulative effects are predicted to occur.	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** Not significant
		Agronomy: No cumulative impacts are predicted.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: Impacts to potential post-medieval archaeological deposits. Cumulative impact on archaeological heritage of Dublin but not considered to be significant	**Archaeology & Cultural Heritage:** No additional mitigation measures beyond those proposed in Chapter 25 (Archaeology & Cultural Heritage)	**Archaeology & Cultural Heritage:** Not Significant.
		Architectural Heritage: No cumulative impacts are predicted as the proposed Project works will be largely underground at this location.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: Not Significant.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** Not Significant.
DSDZ2668/19	Balark Trading GP Limited: Permission sought for demolition of 8-10 Hanover Street East and construction of a build-to-rent residential development in buildings ranging from 1 storey to 6 storeys plus set back level (over basement). Provision of 217 apartments associated resident amenity spaces.	**Traffic & Transport:** If Construction Phases overlap, there may be negative impacts on the surrounding road network in terms of additional vehicles causing delay. Increased population in Operational Phase would increase use of Project – population growth in area already included in mode.	**Traffic & Transport:** Chapter 9 (Traffic & Transport) of the EIAR outlines mitigation measures that will be implemented to minimise impact of traffic associated with the proposed Project	**Traffic & Transport:** Slight Negative impact during construction stage. Positive and Slight impact during operational stage with increased population in the area potentially using Project
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: The construction of both projects will increase construction employment opportunities and may boost the positive direct and indirect economic effects associated with these projects. Given the scale of these developments in the city centre, journey amenity of the population and accessibility of social infrastructure may be impacted should these developments be constructed concurrently.	**Population & Land-Use:** Traffic and transport mitigation measures during construction to reduce impact on population	**Population & Land-Use:** Not Significant.
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** Imperceptible.

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		Airborne Noise & Vibration: Projects sufficiently set back from each other in addition to the nature and scale of the DSDZ2668/19 application is such that no significant cumulative noise or vibration impacts are likely during the Construction Phase if both developments are under construction at the same time. There are no cumulative operational noise or vibration impacts.	**Airborne Noise & Vibration:** Not applicable.	**Airborne Noise & Vibration:** Not Significant.
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction and/or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss from extreme habitat degradation. Should the Construction Phases overlap there is potential for cumulative disturbance on fauna resulting in displacement from the locality	**Biodiversity:** Mitigation proposed in proposed Chapter 15 (Biodiversity) and Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events. Mitigation proposed in this EIAR to reduce disturbance impacts on fauna species during the Construction Phase of the proposed Project will mitigate potential cumulative impacts on fauna species.	**Biodiversity:** Not Significant.
		Air Quality: No significant cumulative effects will occur with respect to air quality during construction of this development due to the distance from the proposed development.	**Air Quality:** Not applicable.	**Air Quality:** Not Significant.
		Climate: No significant cumulative effects will occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate:** Not applicable.	**Climate:** Not Significant.
		Hydrology: No significant cumulative impacts, however potential for cumulative impact due to removal of contaminated soils from this development and the proposed Project. There would be the potential for runoff of contaminated soil to impact surface water quality of nearby surface waterbodies, in the absence of any mitigation. Potential for cumulative impact on nearby drainage channels and connection with the River Liffey for example, due to accidental pollution event during the construction and/or operation of this development and hence potential impact on downstream habitats including Dublin Bay here.	**Hydrology:** Identification of suitable disposal licenced sites for contaminated soil. Mitigation proposed to protect surface water quality at nearby identified watercourses including the River Liffey during construction and operation of the proposed Project, will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats.	**Hydrology:** Not Significant.
		Hydrogeology: Potential for cumulative impact due to removal of contaminated soils from this development and the proposed Project Potential cumulative impact from short-term Construction Phase dewatering activities. Potential for cumulative impact due to accidental pollution/discharge to ground event during the construction and/or operation of this development on nearby watercourses including the River Liffey, and where groundwater discharges to nearby surface water features and hence potential impact on downstream habitats (Dublin Bay in this case). Local reduction in recharge to ground.	**Hydrogeology:** Identification of suitable disposal licenced sites for contaminated soil. Mitigation proposed to protect local groundwater within development boundaries as well as surface water quality at nearby watercourses/tributaries to same, during construction and operation of the proposed Project, will prevent groundwater and surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Recharge to ground where feasible as part of SuDS.	**Hydrogeology:** Imperceptible./Not Significant.
		Soils & Geology: Cumulative impacts relating to soils and geology unlikely given distance from proposed Project, setting and nature of development.	**Soils & Geology:** Not applicable.	**Soils & Geology:** None.
		Land Take: None. The development area is outside of the proposed Project permanent and temporary land take boundaries.	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: None. Sufficient separation to avoid cumulative impacts.	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** None.
		Agronomy: No cumulative impacts are predicted as there is no agricultural land present	**Agronomy:** Not applicable.	**Agronomy:** None.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Material & Waste Management: Potential for additional excavated material requiring disposal to arise from this development. This may reduce the available management capacity available to the proposed Project should this development occur before or at the same time as the proposed Project. Given proximity of this future population to the proposed Project, no significant cumulative effects anticipated with respect to population during operation of this development.	**Material & Waste Management:** Mitigation proposed in Chapter 24 (Material & Waste Management) of the EIAR will be sufficient to manage the cumulative impact from waste.	**Material & Waste Management:** Not Significant.
		Archaeology & Cultural Heritage: Impacts to potential post-medieval archaeological deposits. Cumulative impact on archaeological heritage of Dublin but not considered to be significant	**Archaeology & Cultural Heritage:** No additional mitigation measures beyond those proposed in Chapter 25 (Archaeology & Cultural Heritage)	**Archaeology & Cultural Heritage:** Not Significant.
		Architectural Heritage: No cumulative impacts are predicted as the proposed Project works will be largely underground at this location.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: Not Significant.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** Not Significant.
4352/18 3303/18 303553	QMK Dublin Limited: Amend a previously permitted 132-bedroom hotel to provide 9 additional bedrooms at Lower Ground Floor Level in lieu of four permitted meeting rooms (increasing total number of bedrooms to 141.	**Traffic & Transport:** No significant impact predicted	**Traffic & Transport:** Not applicable.	**Traffic & Transport:** Not Significant.
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: No significant cumulative effects will occur with respect to population during construction of this development given that this is an extension of an existing building. Given the nature and scale of this development, no significant cumulative effects anticipated with respect to population during operation of this development.	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** Not Significant.
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** Imperceptible.
		Airborne Noise & Vibration: Projects sufficiently set back from each other in addition to the nature and scale of the listed applications is such that no significant cumulative noise or vibration impacts are likely during the Construction Phase if both developments are under construction at the same time. There are no cumulative operational noise or vibration impacts.	**Airborne Noise & Vibration:** Not applicable.	**Airborne Noise & Vibration:** Not Significant.
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity: Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction and/or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss from extreme habitat degradation.	**Biodiversity:** Mitigation proposed in proposed Chapter 15 (Biodiversity) and Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events.	**Biodiversity:** Not Significant.
		Air Quality: No significant cumulative effects predicted to occur with respect to air quality during construction of this development provided significant parking is not provided within the development.	**Air Quality:** Not applicable.	**Air Quality:** Not Significant.
		Climate: No significant cumulative effects predicted to occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate:** Not applicable.	**Climate:** Not Significant.
		Hydrology: No significant cumulative impacts. However, potential for cumulative impact on nearby drainage channels and connection with the River Liffey for example, due to accidental pollution event during the construction and/or operation of this development and hence potential impact on downstream habitats including Dublin Bay.	**Hydrology:** Mitigation proposed to protect surface water quality at identified receiving watercourses including the River Liffey during construction and operation of the proposed Project, will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) of the EIAR	**Hydrology:** Imperceptible.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
			and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats.	
		Hydrogeology: No significant cumulative impacts. However, potential for cumulative impact due to accidental pollution/discharge to ground event during the construction and/or operation of this development on nearby watercourses including the River Liffey and where groundwater discharges to nearby surface water features and hence potential impact on downstream habitats (Dublin Bay in this case).	**Hydrogeology:** Mitigation proposed to protect local groundwater within development boundaries as well as surface water quality at nearby watercourses to same, during construction and operation of the proposed Project, will prevent groundwater and surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats.	**Hydrogeology:** Imperceptible.
		Soils & Geology: Cumulative impacts relating to soils and geology unlikely given distance from proposed Project, setting and nature of development.	**Soils & Geology:** Not applicable.	**Soils & Geology:** None.
		Land Take: This development is close to the temporary land-take boundary for O'Connell Street Station, however there are intervening roadways and thus no cumulative effects are predicted.	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: Should the Construction Phases overlap there is potential for cumulative disturbance if utility diversions are required as part of the QMK Dublin Limited development.	**Infrastructure & Utilities:** All utility diversions and new connections will be agreed with the relevant service providers. Designs for utility diversions have already been agreed in principle with the relevant utility providers and design refinement will be subject to further consultation. The duration of any service outage will be finalised with the relevant utility providers.	**Infrastructure & Utilities:** Not significant
		Agronomy: No cumulative impacts are predicted.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: Impacts to potential post-medieval archaeological deposits. Cumulative impact on archaeological heritage of Dublin but not considered to be significant	**Archaeology & Cultural Heritage:** No additional mitigation measures beyond those proposed in Chapter 25 (Archaeology & Cultural Heritage)	**Archaeology & Cultural Heritage:** Not Significant.
		Architectural Heritage: No cumulative impacts are predicted as the proposed Project works will be largely underground at this location.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: May potentially impact/obstruct views to O'Connell St. station from Parnell St. and Parnell Sq. West and may potentially affect access during construction and (any) proposed public realm works related to a proposed NW entrance to station off Moore Lane.	**Landscape & Visual:** Possible need to co-ordinate any proposed public realm works	**Landscape & Visual:** Not Significant.
2954/18 2928/19	Abbey Cottages Limited: Development of 119 room hotel at 35/36, Abbey Street Upper and Abbey Cottages, Dublin 1	**Traffic & Transport:** Should not impact station construction as they are at opposite ends of O'Connell St -HGV access for station construction comes from north of station. No significant impacts expected in Operational Phase.	**Traffic & Transport:** Chapter 9 (Traffic & Transport) of the EIAR outlines mitigation measures that will be implemented to minimise impact of traffic associated with the proposed Project	**Traffic & Transport:** Not Significant.
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: The construction of both projects could potentially impact local accessibility for the population traversing the northern city centre should these developments be constructed concurrently. Once operational, the proposed Project will improve the accessibility of and journey amenity to/from this development by way of O'Connell Street Station. This is a positive cumulative effect during operation.	**Population & Land-Use:** Traffic and transport mitigation measures outlined in Chapter 9 (Traffic & Transport) of the EIAR will be implemented during construction to reduce impact on population	**Population & Land-Use:** Not Significant. Positive during Operational Phase
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** Imperceptible.
		Airborne Noise & Vibration: Projects sufficiently set back from each other in addition to screening afforded by intervening structures is such that no significant cumulative noise or vibration impacts are likely during the Construction Phase if both developments are under construction at the same time.	**Airborne Noise & Vibration:** Construction noise and vibration mitigation measures and limit values outlined in the outline CEMP in Appendix A5.1 and Chapter 13 (Airborne Noise & Vibration) of the EIAR are designed to avoid significant impacts at closest sensitive locations to	**Airborne Noise & Vibration:** Not Significant.

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		There are no cumulative operational noise or vibration impacts.	the proposed Project. This will ensure cumulative noise and vibration impacts are avoided in this area	
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction and/or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss from extreme habitat degradation. Should the Construction Phases overlap there is potential for cumulative disturbance on fauna resulting in displacement from the locality	**Biodiversity:** Mitigation proposed Chapter 15 (Biodiversity) and Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events. Mitigation proposed in Chapter 15 (Biodiversity) to reduce disturbance impacts on fauna species during the Construction Phase of the proposed Project will mitigate potential cumulative impacts on fauna species.	**Biodiversity:** Not Significant.
		Air Quality: No significant cumulative effects predicted to occur with respect to air quality during construction of this development provided significant parking is not provided within the development.	**Air Quality:** Dust mitigation measures outlined in the outline CEMP in Appendix A5.1 and Chapter 16 (Air Quality) of the EIAR will mitigate potential cumulative dust impacts. Dust deposition monitoring on the proposed Project will confirm concentrations within guideline values.	**Air Quality:** Not Significant.
		Climate: No significant cumulative effects predicted to occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during operational phase.	**Climate:** Not applicable.	**Climate:** Not Significant.
		Hydrology: No significant cumulative impacts. However, potential for cumulative impact on nearby drainage channels and connection with the River Liffey for example, due to accidental pollution event during the construction and/or operation of this development and hence potential impact on downstream habitats including Dublin Bay.	**Hydrology:** Mitigation proposed to protect surface water quality at identified receiving watercourses including the River Liffey during construction and operation of the proposed Project, will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats.	**Hydrology:** Imperceptible.
		Hydrogeology: No significant cumulative impacts. However, potential for cumulative impact due to accidental pollution/discharge to ground event during the construction and/or operation of this development on nearby watercourses including the River Liffey and where groundwater discharges to nearby surface water features and hence potential impact on downstream habitats (Dublin Bay in this case). Local reduction in recharge	**Hydrogeology:** Mitigation proposed to protect local groundwater within development boundaries as well as surface water quality at nearby watercourses to same, during construction and operation of the proposed Project, will prevent groundwater and surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Recharge to ground where feasible as part of SuDS	**Hydrogeology:** Imperceptible.
		Soils & Geology: Cumulative impacts relating to soils and geology unlikely given distance from proposed Project, setting and nature of development.	**Soils & Geology:** Not applicable.	**Soils & Geology:** None.
		Land Take: None. The development area is outside of the proposed Project permanent and temporary land take boundaries and is not continuous with any land take parcels.	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: No cumulative effects predicted to occur with respect to infrastructure and utilities during construction or operation of this development.	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** None.
		Agronomy: No cumulative impacts predicted as there is no agricultural lands present.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: Impacts to potential post-medieval archaeological deposits. Cumulative impact on archaeological heritage of Dublin but not considered to be significant	**Archaeology & Cultural Heritage:** No additional mitigation measures beyond those proposed in Chapter 25 (Archaeology & Cultural Heritage)	**Archaeology & Cultural Heritage:** Not Significant.

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		Architectural Heritage: No cumulative impacts are predicted as the proposed Project works will be largely underground at this location.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: Not Significant.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** Not Significant.
3884/18	Trinity College Dublin The development consists of: Demolition of four storey, Biochemistry building and link pedestrian bridge to Watts building, Roberts Laboratory, and ancillary single storey structures and development of site	**Traffic & Transport:** If construction occurs concurrently, there may be negative impacts to public transport, road and active modes networks in key city-centre location. Additional construction vehicles on network may increase impact. No impacts anticipated in Operational Phase.	**Traffic & Transport:** Chapter 9 (Traffic & Transport) of the EIAR outlines mitigation measures that will be implemented to minimise impact of traffic associated with the proposed Project	**Traffic & Transport:** Negative and Slight impact as a result of the Construction Phase.
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: The construction of both projects could potentially impact local accessibility for the population traversing in and around this area should these developments be constructed concurrently. Once operational, the proposed Project will improve the accessibility of and journey amenity to/from this development by way of Tara Station. This is a positive cumulative effect during operation.	**Population & Land-Use:** Traffic and transport mitigation measures outlined in Chapter 9 (Traffic & Transport) of the EIAR will be implemented during construction to reduce impact on population	**Population & Land-Use:** Not Significant during Construction Phase. Permanent positive during Operational Phase
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** Imperceptible.
		Airborne Noise & Vibration: Overground elements of proposed Project sufficiently set back from identified project such that no cumulative noise or vibration impacts will occur during the Construction Phase if both developments are under construction at the same time. There are no cumulative operational noise or vibration impacts.	**Airborne Noise & Vibration:** Not applicable.	**Airborne Noise & Vibration:** Not Significant.
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction and/or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss from extreme habitat degradation. Should the Construction Phases overlap there is potential for cumulative disturbance on fauna resulting in displacement from the locality	**Biodiversity**: Mitigation proposed in Chapter 15 (Biodiversity) and Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events. Mitigation proposed in Chapter 15 (Biodiversity) to reduce disturbance impacts on fauna species during the Construction Phase of the proposed Project will mitigate potential cumulative impacts on fauna species.	**Biodiversity:** Not Significant.
		Air Quality: No significant cumulative effects predicted to occur with respect to air quality during construction of this development. No cumulative dust impact predicted to due this being a section in tunnel.	**Air Quality:** Not applicable.	**Air Quality:** Not Significant.
		Climate: No significant cumulative effects predicted to occur with respect to climate during the construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during operational phase.	**Climate:** Not applicable.	**Climate:** Not Significant.
		Hydrology: Potential for cumulative impact due to removal of contaminated soils on both developments. There would be the potential for runoff of contaminated soil to impact surface water quality of nearby surface waterbodies, in the absence of any mitigation. Potential for cumulative impact on site drainage and connection with River Liffey for example due to accidental pollution event during the construction and/or operation of this development on the river and hence potential impact on downstream habitats including Dublin Bay.	**Hydrology:** Identification of suitable disposal licenced sites for contaminated soil. Mitigation proposed to protect surface water quality at nearby watercourses including the River Liffey during construction and operation of the proposed Project will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats.	**Hydrology:** Not Significant./Imperceptible.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Hydrogeology: Potential for cumulative impact due to removal of contaminated soils on both developments. Potential for cumulative impact on site drainage and connection with River Liffey for example due to accidental pollution event/discharge to ground during the construction and/or operation of this development on the river and hence potential impact on downstream habitats including Dublin Bay. Short-term dewatering effects possible. Potential nominal local reduction in recharge to ground.	**Hydrogeology:** Identification of suitable disposal licenced sites for contaminated soil Mitigation proposed to protect groundwater as well as surface water quality including the River Liffey, during construction and operation of the proposed Project will prevent groundwater and/or surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Recharge to ground where feasible as part of SuDS.	**Hydrogeology:** Not Significant./Imperceptible.
		Soils & Geology: Tunnelling will take place approx. 50m to the west of this structure, 40m west of Tara Station. Potential for cumulative settlement effect if developments coincide in terms of programme.	**Soils & Geology:** Proposed mitigation could include negotiation to ensure works are not undertaken concurrently or potentially ground treatment to reduce likelihood of settlement.	**Soils & Geology:** Slight/Imperceptible.
		Land Take: None. The development area is outside of the proposed Project permanent and temporary land take boundaries.	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: Tunnelling will take place approximately 50m to the west of this development site. There will be no impact on near surface utilities. No cumulative effects are predicted.	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** None.
		Agronomy: No cumulative impacts predicted as there is no agricultural lands present.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: Impacts to potential post-medieval archaeological deposits. Cumulative impact on archaeological heritage of Dublin but not considered to be significant	**Archaeology & Cultural Heritage:** No additional mitigation measures beyond those proposed in Chapter 25 (Archaeology & Cultural Heritage)	**Archaeology & Cultural Heritage:** Not Significant.
		Architectural Heritage: No cumulative impacts are predicted as the proposed Project works will be largely underground at this location.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: Not Significant.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** Not Significant.
2373/17	Grand Parade Property Trading Co. DAC: Refurbishment and alterations to existing 8 storey building, demolition of 3 no. warehouse buildings, provision of new part 3, part 4, part 5 and part 6 storey over 2 levels basement office building, vehicular access and provision of 30 no. car parking spaces and 126 bicycle spaces.	**Traffic & Transport:** If construction occurs concurrently, there may be negative impacts to public transport, road and active modes networks in key interchange location. Additional construction vehicles on network may increase impact. No impacts anticipated in Operational Phase.	**Traffic & Transport:** Construction contract will include for specific clauses to ensure that access to site and construction traffic and coordinated.	**Traffic & Transport:** Not Significant.
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: The construction of both projects could potentially impact local accessibility for the population traversing in and around Charlemont should these developments be constructed concurrently. Once operational, the proposed Project will improve the accessibility of and journey amenity to/from this development by way of Charlemont Station. This is a positive cumulative effect during operation.	**Population & Land-Use:** Traffic and transport mitigation measures outlined in Chapter 9 (Traffic & Transport) of the EIAR during construction to reduce impact on population	**Population & Land-Use:** Not Significant.
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** Imperceptible.
		Airborne Noise & Vibration: Oversite development of project 2373/17 likely to be completed prior to construction works commencing for proposed Project. Unlikely for potential for cumulative noise and vibration impacts during the construction proposed Project. Operational phase noise associated with Metrolink station ventilation systems and other above ground fixed plant items will be designed to avoid significant noise increases at closest noise sensitive locations within proposed oversite development and at those outside the project boundary.	**Airborne Noise & Vibration:** Construction noise and vibration mitigation measures and limit values outlined in the outline CEMP in Appendix A5.1 and Chapter 13 (Airborne Noise & Vibration) of the EIAR and Vibration Chapter are designed to avoid significant impacts at closest sensitive locations to the proposed Project. Noise limits applied to Operational Phase above ground noise sources to avoid cumulative impacts at surrounding noise sensitive locations.	**Airborne Noise & Vibration:** Construction Phase – Not significant Operational phase – potential for Slight to Minor cumulative effects

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
			Review of design, layout and operational noise levels associated with fixed items of plant associated with oversite development.	
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction and/or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss from extreme habitat degradation. Should the Construction Phases overlap there is potential for cumulative disturbance on fauna resulting in displacement from the locality	**Biodiversity:** Mitigation proposed in Chapter 15 (Biodiversity) and Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events. Mitigation proposed in Chapter 15 (Biodiversity) to reduce disturbance impacts on fauna species during the Construction Phase of the proposed Project will mitigate potential cumulative impacts on fauna species.	**Biodiversity:** Not Significant.
		Air Quality: Potential for cumulative dust impacts during the Construction Phase if both developments are under construction at the same time. Due to scale of parking, Operational Phase traffic emissions impact is unlikely.	**Air Quality:** Dust mitigation measures outlined in CEMP in Appendix A5.1 and Chapter 16 (Air Quality) of the EIAR will mitigate potential cumulative dust impacts. Dust deposition monitoring on the proposed Project will confirm concentrations within guideline values.	**Air Quality:** Not Significant.
		Climate: No significant cumulative effects predicted to occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate:** Not applicable.	**Climate:** Not Significant.
		Hydrology: No significant impacts, however potential for cumulative impact due to removal of contaminated soils on both developments. There would be the potential for runoff of contaminated soil to impact surface water quality of nearby surface waterbodies, in the absence of any mitigation. Potential for cumulative impact due to accidental pollution event during the construction and/or operation of this development on adjacent Grand Canal or nearby Swan River for example and hence potential impact on local and/or downstream habitats.	**Hydrology:** Identification of suitable disposal licenced sites for contaminated soil. Mitigation proposed to protect surface water quality at nearby water features including the Grand Canal and Swan River during construction and operation of the proposed Project will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats.	**Hydrology:** Not Significant./Imperceptible.
		Hydrogeology: No significant impacts, however potential for cumulative impact due to removal of contaminated soils on both developments. Potential for cumulative impact due to accidental pollution event/discharge to ground during the construction and/or operation of this development on local hydrogeology and where connectivity exists between groundwater and surface water for example the Swan River then there is potential impact on local and/or downstream habitats. Short-term dewatering effects possible. Local reduction in recharge to ground.	**Hydrogeology:** Identification of suitable disposal licenced sites for contaminated soil. Mitigation proposed to protect groundwater, as well as surface water quality at nearby water features identified, during construction and operation of the proposed Project will prevent groundwater and/or surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Recharge to ground where feasible as part of SuDS.	**Hydrogeology:** Not Significant./Imperceptible.
		Soils & Geology: Adjacent to Charlemont Station. Potential for cumulative settlement effect if developments coincide in terms of programme.	**Soils & Geology:** Proposed mitigation could include negotiation to ensure works are not undertaken concurrently or potentially ground treatment to reduce likelihood of settlement.	**Soils & Geology:** Slight/Imperceptible.
		Land Take: This development falls within the permanent and temporary land take boundaries for the proposed Charlemont Station. There is a potential conflict here.	**Land Take:** Engagement with the landowner and developer to agree a mutually acceptable design for the development incorporating the Charlemont Station box.	**Land Take:** Slight
		Infrastructure & Utilities: This development falls within the permanent and temporary land take boundaries. There is a potential conflict here with the provision of utilities and potential for cumulative impact during construction.	**Infrastructure & Utilities:** Engagement with the landowner and developer to agree a mutually acceptable design for utility service connections for the development. Any utility diversions and new connections will be agreed with the relevant service providers.	**Infrastructure & Utilities:** Slight
		Agronomy: No cumulative impacts predicted as there is no agricultural lands present.	**Agronomy:** Not applicable.	**Agronomy:** None.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: No predicted cumulative impacts.	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: Potential cumulative impacts arising from introduction of new features into the setting of the protected structure.	**Architectural Heritage:** Ensure that the quantity and scale of new structures as part of the proposed Project is minimised and is of a design that is compatible with the protected structure.	**Architectural Heritage:** Moderate
		Landscape & Visual: Contiguous development over Charlemont Station. Will impact on views towards the station from virtually all directions. This development is accommodated within the station design	**Landscape & Visual:** Proposed Project station design to incorporate requirements of this development (e.g., access to/from adjacent public realm and Luas stop).	**Landscape & Visual: Neutral and** Moderate/Significant and Neutral
F17A/0686	Barry Ward: Construction of a new Operations Depot and Civic Amenity Site at St Margaret's Road.	**Traffic & Transport:** No significant cumulative impact predicted.	**Traffic & Transport:** Not applicable.	**Traffic & Transport:** Not Significant.
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: The construction of both projects will impact journey amenity of the population in this area should these developments be constructed concurrently. Once operational, the proposed Project will improve the accessibility of and journey amenity to/from this development by way of Fosterstown Station. This is a positive cumulative effect during operation.	**Population & Land-Use:** Traffic and transport mitigation measures, as outlined in Chapter 9 (Traffic & Transport) of the EIAR during construction to reduce impact on population.	**Population & Land-Use:** Not Significant.
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** Imperceptible.
		Airborne Noise & Vibration: Projects sufficiently set back from each other and works associated with project F17A/0686 are such that no significant cumulative noise or vibration impacts are likely during the Construction Phase if both developments are under construction at the same time. There are no cumulative operational noise or vibration impacts.	**Airborne Noise & Vibration:** Not applicable.	**Airborne Noise & Vibration:** Not Significant.
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction and/or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss from extreme habitat degradation. Should the Construction Phases overlap there is potential for cumulative disturbance on fauna resulting in displacement from the locality	**Biodiversity:** Mitigation proposed in Chapter 15 (Biodiversity) and Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events. Mitigation proposed in Chapter 15 (Biodiversity) to reduce disturbance impacts on fauna species during the Construction Phase of the proposed Project will mitigate potential cumulative impacts on fauna species.	**Biodiversity:** Not Significant.
		Air Quality: No significant cumulative effects predicted to occur with respect to air quality during construction of this development.	**Air Quality:** Not applicable.	**Air Quality:** Not Significant.
		Climate: No significant cumulative effects predicted to occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate:** Not applicable.	**Climate:** Not Significant.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Hydrology: Potential for cumulative impact on nearby drainage channels and connection with the Santry River for example, due to accidental pollution event during the construction and/or operation of this development and hence potential impact on downstream habitats including Dublin Bay here.	**Hydrology:** Mitigation proposed to protect surface water quality at nearby identified watercourses including during construction and operation of the proposed Project, will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats.	**Hydrology:** Not Significant.
		Hydrogeology: Potential for local reduction in recharge to ground (where there will be new land take in urban setting). Potential for cumulative impact due to accidental pollution/discharge to ground event during the construction and/or operation of this development on nearby watercourses and where groundwater discharges to these surface water features and hence potential impact on downstream habitats.	**Hydrogeology:** Mitigation proposed to protect local groundwater within development boundaries as well as surface water quality at nearby watercourses/tributaries to same, during construction and operation of the proposed Project, will prevent groundwater and surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Recharge to ground where feasible as part of SuDS.	**Hydrogeology:** Imperceptible.
		Soils & Geology: Cumulative impacts relating to soils and geology unlikely given distance from proposed Project, setting and nature of development.	**Soils & Geology:** Not applicable.	**Soils & Geology:** None.
		Land Take: None. The development area is outside of the proposed Project permanent and temporary land take boundaries.	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: Should the Construction Phases overlap there is potential for cumulative disturbance if utility diversions are required as part of the FCC development.	**Infrastructure & Utilities:** All utility diversions and new connections will be agreed with the relevant service providers. Designs for utility diversions have already been agreed in principle with the relevant utility providers and design refinement will be subject to further consultation. The duration of any service outage will be finalised with the relevant utility providers.	**Infrastructure & Utilities:** Not significant
		Agronomy: No cumulative impacts predicted as there is no agricultural lands present.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: No cumulative impacts are predicted.	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No cumulative impacts are predicted as the proposed Project will be largely underground at this location.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: Not Significant.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** Not Significant.
F18A/0638	DAA plc: The development will consist of enabling works to facilitate the mandatory upgrade of the airport security screening system for passenger baggage. This will include the demolition and clearance of the Carousel No. 4 Building, making good the remaining Terminal 1 facade; and all associated fencing and site works.	**Traffic & Transport:** No significant cumulative impact predicted.	**Traffic & Transport:** Not applicable.	**Traffic & Transport:** Not Significant.
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: There are no residences living within Dublin Airport, hence no significant cumulative impacts anticipated with respect to population during construction and operation of this development. No relevant impacts are considered likely for visiting or working populations.	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** Not Significant.
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** Imperceptible.
		Airborne Noise & Vibration: Projects sufficiently set back from each other and screened by existing on-site buildings such that no significant cumulative noise or vibration impacts are likely during the Construction Phase if both developments are under construction at the same time. There are no cumulative operational noise or vibration impacts.	**Airborne Noise & Vibration:** Construction noise and vibration mitigation measures and limit values outlined in the outline CEMP (Appendix A5.1) and Chapter 13 (Airborne Noise & Vibration) are designed to avoid significant impacts at closest sensitive locations to the	**Airborne Noise & Vibration:** Not Significant.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
			proposed Project. This will ensure cumulative noise and vibration impacts are avoided in this area.	
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity: The only potential cumulative impact is theoretically on downstream water quality. However, significant impacts were not predicted for this project on its own, due to the nature of the existing drainage system at the airport. As there is no potential for significant impacts from the project on its own, there is no potential for cumulative impacts.	**Biodiversity:** Not applicable.	**Biodiversity:** None.
		Air Quality: Potential for cumulative dust impacts during the Construction Phase if both developments are under construction at the same time.	**Air Quality:** Dust mitigation measures outlined in the outline CEMP in Appendix A5.1 and Chapter 16 (Air Quality) of the EIAR will mitigate potential cumulative dust impacts. Dust deposition monitoring on the proposed Project will confirm concentrations within guideline values.	**Air Quality:** Not Significant.
		Climate: No significant cumulative effects predicted to occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate:** Not applicable.	**Climate:** Not Significant.
		Hydrology: No significant cumulative impacts. However, potential for cumulative impact due to removal of contaminated soils on both developments	**Hydrology:** Identification of suitable disposal licenced sites for contaminated soil.	**Hydrology:** Imperceptible.
		Hydrogeology: Potential nominal local reduction in recharge to ground	**Hydrogeology:** Identification of suitable disposal licenced sites for contaminated soil. Recharge to ground where feasible as part of SuDS.	**Hydrogeology:** Imperceptible.
		Soils & Geology: Cumulative impacts relating to soils and geology unlikely given distance from proposed Project, setting and nature of development.	**Soils & Geology:** Not applicable.	**Soils & Geology:** None.
		Land Take: None. The application site is outside of the proposed Project permanent and temporary land take boundaries. The proposed Project alignment is tunnelled in this section.	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: Given the scale of the development, there is very low potential for cumulative effects, even if the Construction Phases were to coincide. The development site is approximately 190m south-west of the proposed Dublin Airport Station.	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** None.
		Agronomy: No cumulative impacts predicted as there is no agricultural lands present.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: No cumulative impacts are predicted due to the nature of the project.	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No cumulative impacts are predicted due to the nature of the project.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: Not Significant.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** Not Significant.
F18A/0335	Bovale Developments Unlimited Company:	**Traffic & Transport:** No significant cumulative impact predicted.	**Traffic & Transport:** Not applicable.	**Traffic & Transport:** Not Significant.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
	Residential development comprising 29 dwellings bounded by Holywell Avenue and Holywell Court to the east, Holywell Drive and Gardens to the south and road links to the R125.	**Human Health:** Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: No significant cumulative impact during construction predicted. Once operational, the proposed Project will improve the accessibility of and journey amenity to/from this development by way of the Swords Central and Fosterstown stations.	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** None. during construction. Positive and Slight during operation
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** Imperceptible.
		Airborne Noise & Vibration: Projects sufficiently set back from each other such that no significant cumulative noise or vibration impacts are likely during the Construction Phase if both developments are under construction at the same time. There are no cumulative operational noise or vibration impacts.	**Airborne Noise & Vibration:** Not applicable.	**Airborne Noise & Vibration:** Not Significant.
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity: Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction and/or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss from extreme habitat degradation.	**Biodiversity:** Mitigation proposed in Chapter 15 (Biodiversity) and Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events.	**Biodiversity:** Not Significant.
		Air Quality: No significant cumulative effects predicted to occur with respect to air quality during construction or operation of this development.	**Air Quality:** Not applicable.	**Air Quality:** Not Significant.
		Climate: No significant cumulative effects predicted to occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate:** Not applicable.	**Climate:** Not Significant.
		Hydrology: Potential for cumulative impact due to removal of contaminated soils on both developments. There would be the potential for runoff of contaminated soil to impact surface water quality of nearby surface waterbodies, in the absence of any mitigation. Potential for cumulative impact due to accidental pollution event during the construction and/or operation of this development on site drainage and connection with Gaybrook Stream (north) and its tributaries to the south for example and hence potential impact on downstream habitats including Malahide Estuary.	**Hydrology:** Identification of suitable disposal licenced sites for contaminated soil. Mitigation proposed to protect surface water quality at nearby watercourses including the Gaybrook Stream and its tributaries during construction and operation of the proposed Project will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats.	**Hydrology:** Imperceptible.
		Hydrogeology: Potential for cumulative impact due to removal of contaminated soils on both developments. Potential for cumulative impact due to an accidental pollution event/discharge to ground from this development on local hydrogeology for example with potential downstream effects including where groundwater discharges to surface water features linked to Malahide Estuary. Potential for local reduction in recharge	**Hydrogeology:** Identification of suitable disposal licenced sites for contaminated soil. Mitigation proposed to protect groundwater as well as surface water quality at nearby watercourses during construction and operation of the proposed Project will prevent groundwater and surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Recharge to ground where feasible as part of SuDS.	**Hydrogeology:** Imperceptible.
		Soils & Geology: Cumulative impacts relating to soils and geology unlikely given distance from proposed Project, setting and nature of development.	**Soils & Geology:** Not applicable.	**Soils & Geology:** None.
		Land Take: None. The development area is outside of the proposed Project permanent and temporary land take boundaries and is not continuous with any land take parcels.	**Land Take:** Not applicable.	**Land Take:** None.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Infrastructure & Utilities: No significant cumulative effects predicted to occur with respect to infrastructure and utilities during construction or operation of this development.	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** None.
		Agronomy: No cumulative impacts predicted.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: No cumulative impacts are predicted.	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No cumulative impacts predicted.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: Not Significant.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** Not Significant.
F16A/0045 F18A/0306	Clarke Family Partnership: Permission for the construction of 36 residential units consisting of 30 two storey houses and 6 number two-bedroom apartments in a three-storey block, with ancillary open spaces, boundary treatment and site works at Fosterstown North	**Traffic & Transport:** No significant cumulative impact predicted.	**Traffic & Transport:** Not applicable.	**Traffic & Transport:** Not Significant.
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: No significant cumulative impact during construction predicted. Once operational, the proposed Project will improve the accessibility of and journey amenity to/from this development by way of the Fosterstown station.	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** None during construction. Positive and Slight during operation.
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** Imperceptible.
		Airborne Noise & Vibration: Potential for minor to moderate cumulative noise and vibration impacts during the Construction Phase if both developments are under construction at the same time. Cumulative effects only likely to occur during excavation or foundation stages of adjacent site development. There are no significant likely cumulative noise or vibration Operational Phase impacts.	**Airborne Noise & Vibration:** Construction noise and vibration mitigation measures and limit values outlined in the outline CEMP in Appendix A5.1 and Chapter 13 (Airborne Noise & Vibration) of the EIAR are designed to avoid significant impacts at closest sensitive locations to the proposed Project. Where concurrent works are occurring at same locations, mitigation measures will be required to ensure limit values are not exceeded from both projects	**Airborne Noise & Vibration:** Potential for minor cumulative Temporary Moderate construction noise and vibration impacts depending on timing of works
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction and/or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss from extreme habitat degradation. Should the Construction Phases overlap there is potential for cumulative disturbance on fauna resulting in displacement from the locality Potential for cumulative impacts on habitats and species as a result of direct habitat loss arising from the construction of the proposed Project.	**Biodiversity:** Mitigation proposed in proposed Chapter 15 (Biodiversity) and Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events. Mitigation proposed in Chapter 15 (Biodiversity) to reduce disturbance impacts on fauna species during the Construction Phase of the proposed Project will mitigate potential cumulative impacts on fauna species. Mitigation proposed in Chapter 15 (Biodiversity) to minimise habitat loss and retain vegetation during the Construction Phase of the proposed Project will mitigate potential cumulative impacts on habitats and species. Nonetheless, the effects of habitat loss will remain significant at the local geographic scale for the habitats depositing / lowland rivers (FW2), drainage ditches (FW4), species-rich dry calcareous grassland (GS1), wet grassland (GS4), (mixed) broadleaved woodland (WD1), mixed conifer woodland (WD3), scattered trees and parkland (WD5), hedgerows (WL1), treelines (WL2) and immature woodland (WS2), and for the breeding bird species yellowhammer.	**Biodiversity:** Surface water: Not Significant. Disturbance: Not significant Habitat loss: Significant at the local geographic scale and permanent.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Air Quality: No significant cumulative effects predicted to occur with respect to air quality during construction or operation of this development.	**Air Quality:** Not applicable.	**Air Quality:** Not Significant.
		Climate: No significant cumulative effects predicted to occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate:** Not applicable.	**Climate:** Not Significant.
		Hydrology: Potential for cumulative impact due to accidental pollution event during the construction and/or operation of this development on site drainage and connection with Sluice River and its tributaries to the south for example and hence potential impact on downstream habitats including Baldoyle Estuary.	**Hydrology:** Mitigation proposed to protect surface water quality at nearby watercourses including the Sluice River and its tributaries during construction and operation of the proposed Project will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats.	**Hydrology:** Imperceptible.
		Hydrogeology: Potential for cumulative impact due to an accidental pollution event/discharge to ground from this development on local hydrogeology where exposed for example with potential downstream effects including where groundwater discharges to surface water features linked to Baldoyle Estuary. Potential for local reduction in recharge	**Hydrogeology:** Mitigation proposed to protect groundwater as well as surface water quality at nearby watercourses during construction and operation of the proposed Project will prevent groundwater and surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Recharge to ground where feasible as part of SuDS.	**Hydrogeology:** Imperceptible.
		Soils & Geology: Potential for permanent additional soil loss from development site in area near to route (220 m west) and near Fosterstown Station. Effect is likely to be low adverse (loss of an area of medium fertility/use soils).	**Soils & Geology:** No mitigation possible for loss of local soils given nature of development, depends on development of a soil reuse strategy	**Soils & Geology:** Slight
		Land Take: None. The development area is outside of the proposed Project permanent and temporary land take boundaries and is not continuous with any land take parcels.	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: Should the Construction Phases overlap there is potential for cumulative disturbance if utility diversions are required as part of the Clarke Family Partnership development.	**Infrastructure & Utilities:** All utility diversions and new connections will be agreed with the relevant service providers. Designs for utility diversions have already been agreed in principle with the relevant utility providers and design refinement will be subject to further consultation. The duration of any service outage will be finalised with the relevant utility providers.	**Infrastructure & Utilities:** Not significant
		Agronomy: No cumulative impacts predicted.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: None.	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: None.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: Not Significant.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** Not Significant.
3226/18	O Cualann Cohousing Alliance CLG: 39 No. Affordable residential units in Ballymun	**Traffic & Transport:** No significant cumulative impact predicted.	**Traffic & Transport:** Not applicable.	**Traffic & Transport:** Not Significant.
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Population & Land-Use: Given the distance of this development from the proposed Project, no significant cumulative effects anticipated with respect to population during construction of this development. Once operational, the proposed Project will improve the accessibility of and journey amenity to/from this development by way of the Northwood station.	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** Not Significant.
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference: Imperceptible.**
		Airborne Noise & Vibration: Projects sufficiently set back from each other such that no significant cumulative noise or vibration impacts are likely during the Construction Phase if both developments are under construction at the same time. There are no cumulative operational noise or vibration impacts	**Airborne Noise & Vibration:** Not applicable.	**Airborne Noise & Vibration:** Not Significant.
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction and/or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss from extreme habitat degradation. Should the Construction Phases overlap there is potential for cumulative disturbance on fauna resulting in displacement from the locality	**Biodiversity**: Mitigation proposed Chapter 15 (Biodiversity) and Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events. Mitigation proposed in Chapter 15 (Biodiversity) to reduce disturbance impacts on fauna species during the Construction Phase of the proposed Project will mitigate potential cumulative impacts on fauna species.	**Biodiversity:** Not Significant.
		Air Quality: No significant cumulative effects predicted to occur with respect to air quality during construction or operation of this development.	**Air Quality:** Not applicable.	**Air Quality:** Not Significant.
		Climate: No significant cumulative effects predicted to occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate:** Not applicable.	**Climate:** Not Significant.
		Hydrology: Potential for cumulative impact due to accidental pollution event during the construction and/or operation of this development on site drainage and connection with the Santry River and any tributaries (Ballymun Stream for example) to this watercourse and hence potential impact on downstream habitats including Dublin Bay.	**Hydrology:** Mitigation proposed to protect surface water quality at nearby watercourses including the Santry River and associated tributaries during construction and operation of the proposed Project will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats.	**Hydrology:** Not Significant./Imperceptible.
		Hydrogeology: Potential for cumulative impact due to an accidental pollution event/discharge to ground from this development on local hydrogeology where exposed for example with potential downstream effects including where groundwater discharges to surface water features linked to Dublin Bay. Potential for local reduction in recharge	**Hydrogeology:** Mitigation proposed to protect groundwater as well as surface water quality at nearby watercourses during construction and operation of the proposed Project will prevent groundwater and surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Recharge to ground where feasible as part of SuDS.	**Hydrogeology:** Imperceptible.
		Soils & Geology: Cumulative impacts relating to soils and geology unlikely given distance from proposed Project, setting and nature of development	**Soils & Geology:** Not applicable.	**Soils & Geology:** None.
		Land Take: None. The development area is outside of the proposed Project permanent and temporary land take boundaries.	**Land Take:** Not applicable.	**Land Take:** None.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Infrastructure & Utilities: Given the distance of this development from the proposed Project, no cumulative effects are anticipated, even if the Construction Phases overlap.	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** None.
		Agronomy: No cumulative impacts predicted.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: No predicted cumulative impacts due to distance of the development from the proposed project.	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No predicted cumulative impacts due to distance of the development from the proposed project.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: Not Significant.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** Not Significant.
3531/18	Fitzwilliam Real Estate Development LIMITED: Development of a hotel and demolition of a 3 storey Eircom structure & demolition of the top 3 open-air levels of Arnott's Car Park	**Traffic & Transport:** No significant cumulative impact predicted.	**Traffic & Transport:** Not applicable.	**Traffic & Transport:** Not Significant.
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: Given the scale of these developments, local accessibility and amenity for the population could potentially be impacted should these developments be constructed concurrently. Once operational, the proposed Project will improve the accessibility of and journey amenity to/from this development by way of the O'Connell Street station.	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** Not Significant.
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** Imperceptible.
		Airborne Noise & Vibration: Projects sufficiently set back from each other and screened by intervening structures such that no significant cumulative noise or vibration impacts are likely during the Construction Phase if both developments are under construction at the same time. There are no cumulative operational noise or vibration impacts.	**Airborne Noise & Vibration:** Not applicable.	**Airborne Noise & Vibration:** Not Significant.
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction and/or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss from extreme habitat degradation.	**Biodiversity**: Mitigation proposed in Chapter 15 (Biodiversity) and Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events.	**Biodiversity:** Not Significant.
		Air Quality: Potential for cumulative dust impacts during the Construction Phase if both developments are under construction at the same time.	**Air Quality:** Dust mitigation measures outlined in the outline CEMP in Appendix A5.1 and Chapter 16 (Air Quality) of the EIAR will mitigate potential cumulative dust impacts. Dust deposition monitoring on the proposed Project will confirm concentrations within guideline values.	**Air Quality:** Not Significant.
		Climate: No significant cumulative effects predicted to occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate:** Not applicable.	**Climate:** Not Significant.
		Hydrology: No significant cumulative impacts. However, potential for cumulative impact on nearby drainage channels and connection with the River Liffey for example, due to accidental pollution event during the construction and/or operation of this	**Hydrology:** Mitigation proposed to protect surface water quality at identified receiving watercourses including the River Liffey during construction and operation of the proposed Project, will prevent surface	**Hydrology:** Imperceptible.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		development and hence potential impact on downstream habitats including Dublin Bay.	water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats.	
		Hydrogeology: No significant cumulative impacts. However, potential for cumulative impact due to accidental pollution/discharge to ground event during the construction and/or operation of this development on nearby watercourses including the River Liffey and where groundwater discharges to nearby surface water features and hence potential impact on downstream habitats (Dublin Bay in this case). Short-term dewatering effects possible for basement construction. Potential for local reduction in recharge to ground	**Hydrogeology:** Mitigation proposed to protect local groundwater within development boundaries as well as surface water quality at nearby watercourses to same, during construction and operation of the proposed Project, will prevent groundwater and surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Recharge to ground where feasible as part of SuDS.	**Hydrogeology:** Imperceptible.
		Soils & Geology: Cumulative impacts relating to soils and geology unlikely given distance from proposed Project, setting and nature of development.	**Soils & Geology:** Not applicable.	**Soils & Geology:** None.
		Land Take: None. The development area is outside of the proposed Project permanent and temporary land take boundaries and is not continuous with any land take parcels.	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: Given the proximity of the two projects, should the Construction Phases overlap there is potential for cumulative disturbance if utility diversions are required as part of the Fitzwilliam Real Estate development.	**Infrastructure & Utilities:** All utility diversions and new connections will be agreed with the relevant service providers. Designs for utility diversions have already been agreed in principle with the relevant utility providers and design refinement will be subject to further consultation. The duration of any service outage will be finalised with the relevant utility providers.	**Infrastructure & Utilities:** Not significant
		Agronomy: No cumulative impacts predicted.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: Impacts to potential archaeological deposits. Cumulative impact on archaeological heritage of Dublin but not considered significant	**Archaeology & Cultural Heritage:** Proposed mitigation within this EIAR is sufficient to manage the cumulative impact	**Archaeology & Cultural Heritage:** Not Significant.
		Architectural Heritage: None.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: Not Significant.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** Not Significant.
3172/18 3232/19	Balark Trading GP Limited: Construction of a 9 storey over basement aparthotel	**Traffic & Transport:** No significant cumulative impact predicted.	**Traffic & Transport:** Not applicable.	**Traffic & Transport:** Not Significant.
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: Given the distance of this development from any above ground works (i.e., the Project Boundary) for the proposed Project, no significant cumulative effects anticipated with respect to population and land use during construction of this development. Once operational, the proposed Project will improve the accessibility of and journey amenity to/from this development by way of the O'Connell Street station.	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** Not Significant.
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** Imperceptible.
		Airborne Noise & Vibration: Projects sufficiently set back from each other and screened by intervening structures such that no significant cumulative noise or vibration impacts are likely during the Construction Phase if both developments are under construction at the same time.	**Airborne Noise & Vibration:** Not applicable.	**Airborne Noise & Vibration:** Not Significant.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		There are no cumulative operational noise or vibration impacts		
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction and/or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss from extreme habitat degradation.	**Biodiversity**: Mitigation proposed in Chapter 15 (Biodiversity) and Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events.	**Biodiversity:** Not Significant.
		Air Quality: Potential for cumulative dust impacts during the Construction Phase if both developments are under construction at the same time.	**Air Quality:** Dust mitigation measures outlined in the outline CEMP in Appendix A5.1 and Chapter 16 (Air Quality) of the EIAR will mitigate potential cumulative dust impacts. Dust deposition monitoring on the proposed Project will confirm concentrations within guideline values.	**Air Quality:** Not Significant.
		Climate: No significant cumulative effects predicted to occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate:** Not applicable.	**Climate:** Not Significant.
		Hydrology: No significant cumulative impacts. However, potential for cumulative impact on nearby drainage channels and connection with the River Liffey for example, due to accidental pollution event during the construction and/or operation of this development and hence potential impact on downstream habitats including Dublin Bay.	**Hydrology:** Mitigation proposed to protect surface water quality at identified receiving watercourses including the River Liffey during construction and operation of the proposed Project, will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats.	**Hydrology:** Imperceptible.
		Hydrogeology: No significant cumulative impacts. However, potential for cumulative impact due to accidental pollution/discharge to ground event during the construction and/or operation of this development on nearby watercourses including the River Liffey and where groundwater discharges to nearby surface water features and hence potential impact on downstream habitats (Dublin Bay in this case). Short-term dewatering effects possible for basement construction. Potential for local reduction in recharge to ground	**Hydrogeology:** Mitigation proposed to protect local groundwater within development boundaries as well as surface water quality at nearby watercourses to same, during construction and operation of the proposed Project, will prevent groundwater and surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Recharge to ground where feasible as part of SuDS.	**Hydrogeology:** Imperceptible.
		Soils & Geology: Cumulative impacts relating to soils and geology unlikely given distance from proposed Project, setting and nature of development.	**Soils & Geology:** Not applicable.	**Soils & Geology:** None.
		Land Take: None. The development area is outside of the proposed Project permanent and temporary land take boundaries.	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: Given the distance of this development from any above ground works (i.e., the Project Boundary) for the proposed Project and the nature of the development (aparthotel), no cumulative impacts are predicted.	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** None.
		Agronomy: No cumulative impacts predicted.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: No cumulative impacts are predicted.	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: None.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Landscape & Visual: Not Significant.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** Not Significant.
2407/18	Ternary Limited: The development will consist of the demolition, excavation and clearance of all existing buildings and structures on the site including basements other than the existing Kilkenny Design Store	**Traffic & Transport:** No significant cumulative impact predicted.	**Traffic & Transport:** Not applicable.	**Traffic & Transport:** Not Significant.
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: Given the distance of this development from any above ground works (i.e., the Project Boundary) for the proposed Project, no significant cumulative effects anticipated with respect to population during construction or operation of this development.	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** Not Significant.
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** Imperceptible.
		Airborne Noise & Vibration: Projects sufficiently set back from each other and screened by intervening structures such that no significant cumulative noise or vibration impacts are likely during the Construction Phase if both developments are under construction at the same time. There are no cumulative operational noise or vibration impacts	**Airborne Noise & Vibration:** Not applicable.	**Airborne Noise & Vibration:** Not Significant.
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction and/or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss from extreme habitat degradation. Should the Construction Phases overlap there is potential for cumulative disturbance on fauna resulting in displacement from the locality	**Biodiversity**: Mitigation proposed in Chapter 15 (Biodiversity) and Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events. Mitigation proposed in Chapter 15 (Biodiversity) to reduce disturbance impacts on fauna species during the Construction Phase of the proposed Project will mitigate potential cumulative impacts on fauna species.	**Biodiversity:** Not Significant.
		Air Quality: Potential for cumulative dust impacts during the Construction Phase if both developments are under construction at the same time.	**Air Quality:** Dust mitigation measures outlined in the outline CEMP and Air Quality Chapter will mitigate potential cumulative dust impacts. Dust deposition monitoring on the proposed Project will confirm concentrations within guideline values.	**Air Quality:** Not Significant.
		Climate: No significant cumulative effects predicted to occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate:** Not applicable.	**Climate:** Not Significant.
		Hydrology: No significant cumulative impacts. However, potential for cumulative impact on nearby drainage channels and connection with the River Liffey to the north for example, due to accidental pollution event during the construction and/or operation of this development and hence potential impact on downstream habitats including Dublin Bay.	**Hydrology:** Mitigation proposed to protect surface water quality at identified receiving watercourses including the River Liffey during construction and operation of the proposed Project, will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats.	**Hydrology:** Imperceptible.
		Hydrogeology: No significant cumulative impacts. However, potential for cumulative impact due to accidental pollution/discharge to ground event during the construction and/or operation of this development on nearby watercourses including the River Liffey and where groundwater discharges to nearby surface water features and hence potential impact on downstream habitats (Dublin Bay in this case).	**Hydrogeology:** Mitigation proposed to protect local groundwater within development boundaries as well as surface water quality at nearby watercourses to same, during construction and operation of the proposed Project, will prevent groundwater and surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) of the EIAR and in	**Hydrogeology:** Imperceptible.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Short-term dewatering effects possible for basement construction and where bedrock is shallow. Potential for local reduction in recharge to ground	the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Recharge to ground where feasible as part of SuDS.	
		Soils & Geology: Cumulative impacts relating to soils and geology unlikely given distance from proposed Project, setting and nature of development	**Soils & Geology:** Not applicable.	**Soils & Geology:** None.
		Land Take: None. The development area is outside of the proposed Project permanent and temporary land take boundaries and is not continuous with any land take parcels.	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: Given the nature and distance of this development from any above ground works (i.e., the Project Boundary) for the proposed Project, no cumulative impacts are anticipated with respect to infrastructure and utilities during construction or operation of this development. **:**	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** None.
		Agronomy: No cumulative impacts predicted.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: Impacts to potential archaeological deposits. Cumulative impact on archaeological heritage of Dublin but not considered significant	**Archaeology & Cultural Heritage:** Proposed mitigation within this EIAR is sufficient to manage the cumulative impact	**Archaeology & Cultural Heritage:** Not Significant.
		Architectural Heritage: None.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: Not Significant.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** Not Significant.
3037/16	OPW: The proposed development consists of the demolition of the existing building and the construction of a commercial office building	**Traffic & Transport:** If both Construction Phases occur concurrently, there may be additional construction vehicles on network.	**Traffic & Transport:** Construction contracts will include clauses to ensure that traffic management for both projects is coordinated. Chapter 9 (Traffic & Transport) of the EIAR outlines mitigation measures that will be implemented to minimise impact of traffic associated with the proposed Project	**Traffic & Transport:** Not Significant.
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: Given the scale of these developments, local accessibility and amenity for the population could potentially be impacted should these developments be constructed concurrently. Once operational, the proposed Project will improve the accessibility of and journey amenity to/from this development by way of the Tara station.	**Population & Land-Use:** Traffic and transport mitigation measures outlined in Chapter 9 (Traffic & Transport) of the EIAR during construction to reduce impact on population.	**Population & Land-Use:** Not Significant.
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** Imperceptible.
		Airborne Noise & Vibration: Potential for cumulative noise impacts during the Construction Phase if both developments are under construction at the same time. Potential increase in Construction Phase traffic noise emissions along road network if occurring at same time. There are no cumulative operational noise or vibration impacts.	**Airborne Noise & Vibration:** Construction noise and vibration mitigation measures and limit values outlined in the outline CEMP in Appendix A5.1 and Chapter 13 (Airborne Noise & Vibration) of the EIAR are designed to avoid significant impacts at closest sensitive locations to the proposed Project. Where concurrent works are occurring at same locations, mitigation measures will be required to ensure limit values are not exceeded from both projects.	**Airborne Noise & Vibration:** Potential for minor cumulative temporary construction noise and impacts depending on timing and location of works
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity Potential for cumulative impacts on downstream habitats arising from an accidental pollution event during the construction or operation of this development. Accidental pollution events could result in habitat degradation, and habitat loss arising from extreme habitat degradation. Should the Construction Phases overlap there is potential for cumulative disturbance on fauna resulting in displacement from the locality	**Biodiversity**: Mitigation proposed in Chapter 15 (Biodiversity) and Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events.	**Biodiversity:** Not Significant.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
			Mitigation proposed in Chapter 15 (Biodiversity) to reduce disturbance impacts on fauna species during the Construction Phase of the proposed Project will mitigate potential cumulative impacts on fauna species.	
		Air Quality: Potential for cumulative dust impacts during the Construction Phase if both developments are under construction at the same time.	**Air Quality:** Dust mitigation measures outlined in the outline CEMP in Appendix A5.1 and Chapter 16 (Air Quality) of the EIAR will mitigate potential cumulative dust impacts. Dust deposition monitoring on the proposed Project will confirm concentrations within guideline values.	**Air Quality:** Not Significant.
		Climate: No significant cumulative effects predicted to occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate:** Not applicable.	**Climate:** Not Significant.
		Hydrology: Potential for cumulative impact due to removal of contaminated soils on this development and the proposed Project. Potential for cumulative impact on site drainage and connection with River Liffey to the north for example due to accidental pollution event during the construction and/or operation of this development on the river and hence potential impact on downstream habitats including Dublin Bay.	**Hydrology:** Identification of suitable disposal licenced sites for contaminated soil. Mitigation proposed to protect surface water quality at nearby watercourses including the River Liffey during construction and operation of the proposed Project will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats	**Hydrology:** Not Significant./Imperceptible.
		Hydrogeology: Potential for cumulative impact due to removal of contaminated soils on both developments. Potential for cumulative impact on site drainage and connection with River Liffey to the north for example due to accidental pollution event/discharge to ground during the construction and/or operation of this development on the river and hence potential impact on downstream habitats including Dublin Bay. Short-term dewatering effects possible where basement included. Potential nominal local reduction in recharge to ground.	**Hydrogeology:** Identification of suitable disposal licenced sites for contaminated soil Mitigation proposed to protect groundwater as well as surface water quality including the River Liffey, during construction and operation of the proposed Project will prevent groundwater and/or surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Recharge to ground where feasible as part of SuDS.	**Hydrogeology:** Not Significant./Imperceptible.
		Soils & Geology: Approx. 130m south-west of the proposed Tara Station. Potential for cumulative settlement effect if developments coincide in terms of programme.	**Soils & Geology:** Proposed mitigation could include negotiation to ensure works are not undertaken concurrently or potentially ground treatment to reduce likelihood of settlement.	**Soils & Geology:** Slight/Imperceptible.
		Land Take: None. The development area is outside of the proposed Project permanent and temporary land take boundaries and is not continuous with any land take parcels.	**Land Take:** Not applicable.	**Land Take**: None.
		Infrastructure & Utilities: Given the proximity of the developments, should the Construction Phases overlap there is potential for cumulative disturbance if utility diversions are required as part of the OPW development.	**Infrastructure & Utilities:** All utility diversions and new connections will be agreed with the relevant service providers. Designs for utility diversions have already been agreed in principle with the relevant utility providers and design refinement will be subject to further consultation. The duration of any service outage will be finalised with the relevant utility providers.	**Infrastructure & Utilities:** Not significant
		Agronomy: No cumulative impacts predicted.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: Impacts to potential archaeological deposits. Cumulative impact on archaeological heritage of Dublin but not considered significant	**Archaeology & Cultural Heritage:** Proposed mitigation within this EIAR is sufficient to manage the cumulative impact	**Archaeology & Cultural Heritage:** Not Significant.
		Architectural Heritage: None.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: Not Significant.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** Not Significant.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
2971/17 3804/19 305853	Abbey Cottages Limited. 11 storey (over basement) 151 room hostel at Abbey Street Upper and Abbey Cottages, Dublin 1	**Traffic & Transport:** No significant cumulative impact predicted.	**Traffic & Transport:** Not applicable.	**Traffic & Transport:** Not Significant.
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: The construction of both projects could potentially impact local accessibility for the population traversing the northern city centre should these developments be constructed concurrently. Once operational, the proposed Project will improve the accessibility of and journey amenity to/from this development by way of O'Connell Street Station. This is a positive cumulative effect during operation.	**Population & Land-Use:** Traffic and transport mitigation measures outlined in Chapter 9 (Traffic & Transport) of the EIAR during construction to reduce impact on population	**Population & Land-Use:** Not Significant.
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** Imperceptible.
		Airborne Noise & Vibration: Projects sufficiently set back from each other and screened by intervening structures such that no significant cumulative noise or vibration impacts are likely during the Construction Phase if both developments are under construction at the same time. There are no cumulative operational noise or vibration impacts	**Airborne Noise & Vibration:** Not applicable.	**Airborne Noise & Vibration:** Not Significant.
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction and/or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss from extreme habitat degradation.	**Biodiversity**: Mitigation proposed in Chapter 15 (Biodiversity) and Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events.	**Biodiversity:** Not Significant.
		Air Quality: Potential for cumulative dust impacts during the Construction Phase if both developments are under construction at the same time.	**Air Quality:** Dust mitigation measures outlined in the outline CEMP in Appendix A5.1 and Chapter 16 (Air Quality) of the EIAR will mitigate potential cumulative dust impacts. Dust deposition monitoring on the proposed Project will confirm concentrations within guideline values.	**Air Quality:** Not Significant.
		Climate: No significant cumulative effects predicted to occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate:** Not applicable.	**Climate:** Not Significant.
		Hydrology: Potential for cumulative impact due to removal of contaminated soils on both developments. There would be the potential for runoff of contaminated soil to impact surface water quality of nearby surface waterbodies, in the absence of any mitigation. Potential for cumulative impact on site drainage and connection with River Liffey for example due to accidental pollution event during the construction and/or operation of this development on the river and hence potential impact on downstream habitats including Dublin Bay.	**Hydrology:** Identification of suitable disposal licenced sites for contaminated soil. Mitigation proposed to protect surface water quality at nearby watercourses including the River Liffey during construction and operation of the proposed Project will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats.	**Hydrology:** Not Significant./Imperceptible.
		Hydrogeology: Potential for cumulative impact due to removal of contaminated soils on both developments. Potential for cumulative impact on site drainage and connection with River Liffey for example due to accidental pollution event/discharge to ground during the construction and/or operation of this development on the river and hence potential impact on downstream habitats including Dublin Bay. Short-term dewatering effects possible for basement construction. Potential nominal local reduction in recharge to ground.	**Hydrogeology:** Identification of suitable disposal licenced sites for contaminated soil Mitigation proposed to protect groundwater as well as surface water quality including the River Liffey, during construction and operation of the proposed Project will prevent groundwater and/or surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats.	**Hydrogeology:** Not Significant./Imperceptible.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
			Recharge to ground where feasible as part of SuDS.	
		Soils & Geology: Cumulative impacts relating to soils and geology unlikely given distance from proposed Project, setting and nature of development	**Soils & Geology:** Not applicable.	**Soils & Geology:** None.
		Land Take: None. The development area is outside of the proposed Project permanent and temporary land take boundaries and is not continuous with any land take parcels.	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: Given the proximity of the developments, should the Construction Phases overlap there is potential for cumulative disturbance if utility diversions are required as part of the Abbey Cottages Limited. development.	**Infrastructure & Utilities:** All utility diversions and new connections will be agreed with the relevant service providers. Designs for utility diversions have already been agreed in principle with the relevant utility providers and design refinement will be subject to further consultation. The duration of any service outage will be finalised with the relevant utility providers.	**Infrastructure & Utilities:** Not significant
		Agronomy: No cumulative impacts predicted.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: Impacts to potential archaeological deposits. Cumulative impact on archaeological heritage of Dublin but not considered significant	**Archaeology & Cultural Heritage:** Proposed mitigation within this EIAR is sufficient to manage the cumulative impact	**Archaeology & Cultural Heritage:** Not Significant.
		Architectural Heritage: None.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: Not Significant.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** Not Significant.
3549/19	Strandmount Limited The development will consist of a 36 No. bedroom part one to part six storey (over a part double basement) aparthotel and 9 No. ancillary basement car parking spaces at Charlemont Place, Dublin 2.	**Traffic & Transport:** If both Construction Phases occur concurrently, there may be additional construction vehicles on network.	**Traffic & Transport:** Construction contracts will include clauses to ensure that traffic management for both projects is coordinated. Chapter 9 (Traffic & Transport) of the EIAR outlines mitigation measures that will be implemented to minimise impact of traffic associated with the proposed Project	**Traffic & Transport:** Not Significant.
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: Given the scale of these developments, local accessibility and amenity for the population could potentially be impacted should these developments be constructed concurrently. Once operational, the proposed Project will improve the accessibility of and journey amenity to/from this development by way of the Tara station.	**Population & Land-Use:** Traffic and transport mitigation measures, notably the measures in Chapter 9 (Traffic & Transport) of the EIAR will be implemented during construction to reduce impact on population.	**Population & Land-Use:** Not Significant.
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** Imperceptible.
		Airborne Noise & Vibration: Potential for moderate to major cumulative noise and vibration impacts during the Construction Phase if both developments are under construction at the same time. Cumulative effects only likely to occur during excavation and foundation stages of adjacent site development. Potential for cumulative operational noise associated with above ground fixed plant items associated with Metrolink station and those associated with listed project on surrounding environment.	**Airborne Noise & Vibration:** Construction noise and vibration mitigation measures and limit values outlined in the outline CEMP in Appendix A5.1 and Chapter 13 (Airborne Noise & Vibration) of the EIAR are designed to avoid significant impacts at closest sensitive locations to the proposed Project. Where works are occurring at overlapping locations during the construction of both projects, mitigation measures will be required to ensure limit values are not exceeded from both projects.	**Airborne Noise & Vibration:** Potential for moderate cumulative impacts during Construction Phase if concurrent work occurring. Potential for slight cumulative operational noise impacts.
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction and/or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss from extreme habitat degradation.	**Biodiversity:** Mitigation proposed in proposed Chapter 15 (Biodiversity) and Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events. Mitigation proposed in Chapter 15 (Biodiversity) to reduce disturbance impacts on fauna species during the Construction Phase of the	**Biodiversity:** Surface water: Not Significant. Disturbance: Not significant Habitat loss: Significant at the local geographic scale and permanent.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Should the Construction Phases overlap there is potential for cumulative disturbance on fauna resulting in displacement from the locality. Potential for cumulative impacts on habitats and species as a result of direct habitat loss arising from the construction of the proposed Project.	proposed Project will mitigate potential cumulative impacts on fauna species. Mitigation proposed in Chapter 15 (Biodiversity) to minimise habitat loss and retain vegetation during the Construction Phase of the proposed Project will mitigate potential cumulative impacts on habitats and species. Nonetheless, the effects of habitat loss will remain significant at the local geographic scale for the habitats depositing / lowland rivers (FW2), drainage ditches (FW4), species-rich dry calcareous grassland (GS1), wet grassland (GS4), (mixed) broadleaved woodland (WD1), mixed conifer woodland (WD3), scattered trees and parkland (WD5), hedgerows (WL1), treelines (WL2) and immature woodland (WS2), and for the breeding bird species yellowhammer.	
		Air Quality: Potential for cumulative dust impacts during the Construction Phase if both developments are under construction at the same time.	**Air Quality:** Dust mitigation measures outlined in the outline CEMP in Appendix A5.1 and Chapter 16 (Air Quality) of the EIAR will mitigate potential cumulative dust impacts. Dust deposition monitoring on the proposed Project will confirm concentrations within guideline values	**Air Quality:** Not Significant.
		Climate: No significant cumulative effects predicted to occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate:** Not applicable.	**Climate:** Not Significant.
		Hydrology: No significant impacts, however potential for cumulative impact due to removal of contaminated soils on both developments. There would be the potential for runoff of contaminated soil to impact surface water quality of nearby surface waterbodies, in the absence of any mitigation. Potential for cumulative impact due to accidental pollution event during the construction and/or operation of this development on adjacent Grand Canal or nearby Swan River/ Dodder River to south east for example and hence potential impact on downstream habitats including Dublin Bay.	**Hydrology:** Identification of suitable disposal licenced sites for contaminated soil. Mitigation proposed to protect surface water quality at nearby water features including the Grand Canal and Swan River/Dodder River during construction and operation of the proposed Project will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats.	**Hydrology:** Not Significant./Imperceptible.
		Hydrogeology: No significant impacts, however potential for cumulative impact due to removal of contaminated soils on both developments. Potential for cumulative impact due to accidental pollution event/discharge to ground during the construction and/or operation of this development on local hydrogeology and where connectivity exists between groundwater and surface water for example the Swan River or Dodder River then there is potential impact on local and/or downstream habitats including Dublin Bay. Short-term dewatering effects possible due to basement construction. Local reduction in recharge to ground.	**Hydrogeology:** Identification of suitable disposal licenced sites for contaminated soil. Mitigation proposed to protect groundwater, as well as surface water quality at nearby water features identified, during construction and operation of the proposed Project will prevent groundwater and/or surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Recharge to ground where feasible as part of SuDS.	**Hydrogeology:** Not Significant./Imperceptible.
		Soils & Geology: Approx. 50 m north of the proposed Charlemont Station. Potential for cumulative settlement effect if developments coincide in terms of programme.	**Soils & Geology:** Proposed mitigation could include negotiation to ensure works are not undertaken concurrently or potentially ground treatment to reduce likelihood of settlement.	**Soils & Geology:** Slight/Imperceptible.
		Land Take: None. The development area is outside of the proposed Project permanent and temporary land take boundaries and is not continuous with any land take parcels.	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: Should the Construction Phases overlap there is potential for cumulative disturbance if utility diversions are required as part of the Strandmount Limited development.	**Infrastructure & Utilities:** All utility diversions and new connections will be agreed with the relevant service providers. Designs for utility diversions have already been agreed in principle with the relevant utility providers and design refinement will be subject to further consultation. The duration of any service outage will be finalised with the relevant utility providers.	**Infrastructure & Utilities:** Not significant
		Agronomy: No cumulative impacts predicted.	**Agronomy:** Not applicable.	**Agronomy:** None.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: Impacts to potential archaeological deposits. Cumulative impact on archaeological heritage of Dublin but not considered significant	**Archaeology & Cultural Heritage:** Proposed mitigation within this EIAR is sufficient to manage the cumulative impact	**Archaeology & Cultural Heritage:** Not Significant.
		Architectural Heritage: None.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: Not Significant.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** Not Significant.
3668/19 3637/17 4170/19	Atlas GP Limited Mixed use development at a site of 0.5 ha at Apollo House, Tara St (D02 N920); 9-11 Townsend St (incl. The Long Stone Pub) (D02 FE00); College House, Nos. 2-3 Townsend Street, (D02 F990), and the Screen Cinema, 16 Hawkins Street	**Traffic & Transport:** If both Construction Phases occur concurrently, there may be additional construction vehicles on network The proposed Project will provide for an improvement to the pedestrian environment on Tara Street during the Operational Phase.	**Traffic & Transport:** Construction contracts will include clauses to ensure that traffic management for both projects is coordinated. Chapter 9 (Traffic & Transport) of the EIAR outlines mitigation measures that will be implemented to minimise impact of traffic associated with the proposed Project	**Traffic & Transport:** Not Significant.
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: Given the scale of these developments, local accessibility and amenity for the population could potentially be impacted should these developments be constructed concurrently. Once operational, the proposed Project will improve the accessibility of and journey amenity to/from this development by way of the Tara station.	**Population & Land-Use:** Traffic and transport mitigation measures, notably those in Chapter 9 (Traffic & Transport) of the EIAR will be implemented during construction to reduce impact on population.	**Population & Land-Use:** Not Significant.
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:**
		Airborne Noise & Vibration: Potential for moderate to significant cumulative noise and vibration impacts during the Construction Phase if both developments are under construction at the same time. Potential for cumulative operational noise associated with above ground fixed plant items associated with Metrolink station and those associated with listed project on surrounding environment.	**Airborne Noise & Vibration:** Construction noise and vibration mitigation measures and limit values outlined in the outline CEMP in Appendix A5.1 and Chapter 13 (Airborne Noise & Vibration) of the EIAR are designed to avoid significant impacts at closest sensitive locations to the proposed Project. Where works are occurring at overlapping locations during the construction of both projects, mitigation measures will be required to ensure limit values are not exceeded from both projects.	**Airborne Noise & Vibration:** Potential for moderate cumulative impacts during Construction Phase if concurrent work occurring. Potential for slight cumulative operational noise impacts.
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction and/or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss from extreme habitat degradation. Should the Construction Phases overlap there is potential for cumulative disturbance on fauna resulting in displacement from the locality	**Biodiversity**: Mitigation proposed in Chapter 15 (Biodiversity) and Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events. Mitigation proposed in Chapter 15 (Biodiversity) to reduce disturbance impacts on fauna species during the Construction Phase of the proposed Project will mitigate potential cumulative impacts on fauna species.	**Biodiversity:** Not Significant.
		Air Quality: Potential for cumulative dust impacts during the Construction Phase if both developments are under construction at the same time if both developments are under construction at the same time.	**Air Quality:** Dust mitigation measures outlined in the outline CEMP in Appendix A5.1 and Chapter 16 (Air Quality) of the EIAR will mitigate potential cumulative dust impacts. Dust deposition monitoring on the proposed Project will confirm concentrations within guideline values.	**Air Quality:** Not Significant.
		Climate: No significant cumulative effects predicted to occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate:** Not applicable.	**Climate:** Not Significant.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Hydrology: Potential for cumulative impact due to removal of contaminated soils on this development and the proposed Project. Potential for cumulative impact on site drainage and connection with River Liffey to the immediate north for example due to accidental pollution event during the construction and/or operation of this development on the river and hence potential impact on downstream habitats including Dublin Bay.	**Hydrology:** Identification of suitable disposal licenced sites for contaminated soil. Mitigation proposed to protect surface water quality at nearby watercourses including the River Liffey during construction and operation of the proposed Project will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats	**Hydrology:** Not Significant./Imperceptible.
		Hydrogeology: Potential for cumulative impact due to removal of contaminated soils on both developments. Potential for cumulative impact on site drainage and connection with River Liffey to the north for example due to accidental pollution event/discharge to ground during the construction and/or operation of this development on the river and hence potential impact on downstream habitats including Dublin Bay. Short-term dewatering effects possible especially where deep excavation takes place for inclusion of basements within shallow gravels in connection with the River Liffey. Potential nominal local reduction in recharge to ground.	**Hydrogeology:** Identification of suitable disposal licenced sites for contaminated soil Mitigation proposed to protect groundwater as well as surface water quality including the River Liffey, during construction and operation of the proposed Project will prevent groundwater and/or surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Recharge to ground where feasible as part of SuDS.	**Hydrogeology:** Not Significant./Imperceptible.
		Soils & Geology: At western boundary of the proposed Tara Station. Potential for cumulative settlement effect if developments coincide in terms of programme.	**Soils & Geology:** Proposed mitigation could include negotiation to ensure works are not undertaken concurrently or potentially ground treatment to reduce likelihood of settlement.	**Soils & Geology:** Slight/Imperceptible.
		Land Take: This development is directly to the west of the proposed Tara Station, but it does not encroach on the land take boundary.	**Land Take:** Not applicable. The development area is outside of the proposed Project permanent and temporary land take boundaries.	**Land Take:** None.
		Infrastructure & Utilities: This development is directly to the west of the proposed Tara Station. Should the Construction Phases overlap there is potential for cumulative disturbance if utility diversions are required as part of the Atlas GP Limited. development.	**Infrastructure & Utilities:** All utility diversions and new connections will be agreed with the relevant service providers. Designs for utility diversions have already been agreed in principle with the relevant utility providers and design refinement will be subject to further consultation. The duration of any service outage will be finalised with the relevant utility providers.	**Infrastructure & Utilities:** Not Significant.
		Agronomy: No cumulative impacts predicted.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: Impacts to potential archaeological deposits. Cumulative impact on archaeological heritage of Dublin but not considered significant	**Archaeology & Cultural Heritage:** Proposed mitigation within this EIAR is sufficient to manage the cumulative impact	**Archaeology & Cultural Heritage:** Not Significant.
		Architectural Heritage: No significant cumulative impact predicted	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** Not Significant.
		Landscape & Visual: Not Significant.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** Not Significant.
3794/18 4054/19	Tanat Limited Construction of a new 22 storey landmark office and hotel development with a rooftop restaurant over 2 no. levels of basement accommodation at Tara Street, Dublin 2.	**Traffic & Transport:** If both Construction Phases occur concurrently, there may be additional construction vehicles on network. Access to the development will be required to be maintained during our construction period.	**Traffic & Transport:** Construction contracts will include clauses to ensure that traffic management for both projects is coordinated and to ensure that access to the development is maintained. Chapter 9 (Traffic & Transport) of the EIAR outlines mitigation measures that will be implemented to minimise impact of traffic associated with the proposed Project	**Traffic & Transport:** Not Significant.
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: Given the scale of these developments, local accessibility and amenity for the population could potentially be impacted should these developments be constructed concurrently. Once operational, the proposed Project will improve the accessibility of and journey amenity to/from this development by way of the Tara station.	**Population & Land-Use:** Traffic and transport mitigation measures, notably those in Chapter 9 (Traffic & Transport) of the EIARwill be implemented during construction to reduce impact on population.	**Population & Land-Use:** Not Significant.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** Imperceptible.
		Airborne Noise & Vibration: Potential for moderate to significant cumulative noise and vibration impacts during the Construction Phase if both developments are under construction at the same time. Potential for cumulative operational noise associated with above ground fixed plant items associated with Metrolink station and those associated with listed project on surrounding environment.	**Airborne Noise & Vibration:** Construction noise and vibration mitigation measures and limit values outlined in the outline CEMP in Appendix A5.1 and Chapter 13 (Airborne Noise & Vibration) of the EIAR are designed to avoid significant impacts at closest sensitive locations to the proposed Project. Where works are occurring at overlapping locations during the construction of both projects, mitigation measures will be required to ensure limit values are not exceeded from both projects.	**Airborne Noise & Vibration:** Potential for minor to Moderate cumulative impacts during Construction Phase if concurrent work occurring. Potential for Slight cumulative operational noise impacts.
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction and/or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss from extreme habitat degradation. Should the Construction Phases overlap there is potential for cumulative disturbance on fauna resulting in displacement from the locality	**Biodiversity**: Mitigation proposed in Chapter 15 (Biodiversity) and Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events. Mitigation proposed in Chapter 15 (Biodiversity) to reduce disturbance impacts on fauna species during the Construction Phase of the proposed Project will mitigate potential cumulative impacts on fauna species.	**Biodiversity:** Not Significant.
		Air Quality: Potential for cumulative dust impacts during the Construction Phase if both developments are under construction at the same time if both developments are under construction at the same time.	**Air Quality:** Dust mitigation measures outlined in the outline CEMP in Appendix A5.1 and Chapter 16 (Air Quality) of the EIAR will mitigate potential cumulative dust impacts. Dust deposition monitoring on the proposed Project will confirm concentrations within guideline values.	**Air Quality:** Not Significant.
		Climate: No significant cumulative effects predicted to occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate:** Not applicable.	**Climate:** Not Significant.
		Hydrology: Potential for cumulative impact due to removal of contaminated soils on this development and the proposed Project. Potential for cumulative impact on site drainage and connection with River Liffey to the immediate north for example due to accidental pollution event during the construction and/or operation of this development on the river and hence potential impact on downstream habitats including Dublin Bay.	**Hydrology:** Identification of suitable disposal licenced sites for contaminated soil. Mitigation proposed to protect surface water quality at nearby watercourses including the River Liffey during construction and operation of the proposed Project will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats	**Hydrology:** Not Significant./Imperceptible.
		Hydrogeology: Potential for cumulative impact due to removal of contaminated soils on both developments. Potential for cumulative impact on site drainage and connection with River Liffey to the north for example due to accidental pollution event/discharge to ground during the construction and/or operation of this development on the river and hence potential impact on downstream habitats including Dublin Bay. Short-term dewatering effects possible especially where deep excavation takes place for inclusion of basements within shallow gravels in connection with the River Liffey. Potential nominal local reduction in recharge to ground.	**Hydrogeology:** Identification of suitable disposal licenced sites for contaminated soil Mitigation proposed to protect groundwater as well as surface water quality including the River Liffey, during construction and operation of the proposed Project will prevent groundwater and/or surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Recharge to ground where feasible as part of SuDS.	**Hydrogeology:** Not Significant./Imperceptible.
		Soils & Geology: At northern boundary of the proposed Tara Station. Potential for cumulative settlement effect if developments coincide in terms of programme.	**Soils & Geology:** Proposed mitigation could include negotiation to ensure works are not undertaken concurrently or potentially ground treatment to reduce likelihood of settlement.	**Soils & Geology:** Slight/Imperceptible.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Land Take: None. The development area is outside of the proposed Project permanent and temporary land take boundaries and is not continuous with any land take parcels.	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: Should the Construction Phases overlap there is potential for cumulative disturbance if utility diversions are required as part of the Tanat Limited development.	**Infrastructure & Utilities:** All utility diversions and new connections will be agreed with the relevant service providers. Designs for utility diversions have already been agreed in principle with the relevant utility providers and design refinement will be subject to further consultation. The duration of any service outage will be finalised with the relevant utility providers.	**Infrastructure & Utilities:** Not significant
		Agronomy: No cumulative impacts predicted.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: Impacts to potential archaeological deposits. Cumulative impact on archaeological heritage of Dublin but not considered significant	**Archaeology & Cultural Heritage:** Proposed mitigation within this EIAR is sufficient to manage the cumulative impact	**Archaeology & Cultural Heritage:** Not Significant.
		Architectural Heritage: No significant cumulative impact predicted	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** Not Significant.
		Landscape & Visual: Potentially moderate/significant visual effects. Will impact on/obstruct views towards Tara Station from Tara Street. Given the scale of this development (22 storeys) it is likely to create significant Operational Phase effects in combination with MetroLink. MetroLink is removing a significant quantum (volume) of buildings and coupled with this adjacent development (which will occupy a vacant site) will significantly change the urban landscape context of this part of the city. Views towards the proposed Project from the north-west will be obstructed. Views from just about anywhere else will be significantly altered by this permitted building which is currently under construction	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** Neutral and Moderate/Significant
F19A/0386	Vanguard Health Services International Limited The proposed development will consist of an eight-storey hospital/healthcare facility off Holywell Link Road and Lakeshore Drive, Swords, Co. Dublin.	**Traffic & Transport:** No significant impact predicted	**Traffic & Transport:** Not applicable.	**Traffic & Transport:** Not Significant.
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: No significant cumulative impact anticipated during construction. Once operational, the proposed Project will improve the accessibility of and journey amenity to/from this development by way of the Fosterstown and Swords Central stations.	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** Not Significant.
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** Imperceptible.
		Airborne Noise & Vibration: Projects sufficiently set back from each other such that no significant cumulative noise or vibration impacts are likely during the Construction Phase if both developments are under construction at the same time. There are no cumulative operational noise or vibration impacts	**Airborne Noise & Vibration:** Not applicable.	**Airborne Noise & Vibration:** Not Significant.
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction and/or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss from extreme habitat degradation. Should the Construction Phases overlap there is potential for cumulative impacts disturbance on fauna resulting in displacement from the locality Potential for cumulative impacts on habitats and species as a result of direct habitat loss arising from the construction of the proposed Project.	**Biodiversity:** Mitigation proposed in proposed Chapter 15 (Biodiversity) and Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events. Mitigation proposed in Chapter 15 (Biodiversity) to reduce disturbance impacts on fauna species during the Construction Phase of the	**Biodiversity:** Surface water: Not Significant. Disturbance: Not significant Habitat loss: Significant at the local geographic scale and permanent.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
			proposed Project will mitigate potential cumulative impacts on fauna species. Mitigation proposed in Chapter 15 (Biodiversity) to minimise habitat loss and retain vegetation during the Construction Phase of the proposed Project will mitigate potential cumulative impacts on habitats and species. Nonetheless, the effects of habitat loss will remain significant at the local geographic scale for the habitats depositing / lowland rivers (FW2), drainage ditches (FW4), species-rich dry calcareous grassland (GS1), wet grassland (GS4), (mixed) broadleaved woodland (WD1), mixed conifer woodland (WD3), scattered trees and parkland (WD5), hedgerows (WL1), treelines (WL2) and immature woodland (WS2), and for the breeding bird species yellowhammer.	
		Air Quality: Potential for cumulative dust impacts during the Construction Phase if both developments are under construction at the same time if both developments are under construction at the same time.	**Air Quality:** Dust mitigation measures outlined in the outline CEMP in Appendix A5.1 and Chapter 16 (Air Quality) of the EIAR will mitigate potential cumulative dust impacts. Dust deposition monitoring on the proposed Project will confirm concentrations within guideline values.	**Air Quality:** Not Significant.
		Climate: No significant cumulative effects predicted to occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate:** Not applicable.	**Climate:** Not Significant.
		Hydrology: Potential for cumulative impact due to removal of subsoils and/or contaminated soils on both developments. Potential for cumulative impact due to accidental pollution event during the construction and/or operation of this development on site drainage and connection with Gaybrook Stream and its tributaries in the general area for example and hence potential impact on downstream habitats including Malahide Estuary.	**Hydrology:** Identification of suitable disposal licenced sites for contaminated soil/appropriate/permitted end use for subsoils. Mitigation proposed to protect surface water quality at nearby watercourses including the Gaybrook Stream and its tributaries during construction and operation of the proposed Project will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats.	**Hydrology:** Imperceptible.
		Hydrogeology: Potential for cumulative impact due to removal of subsoils and/or contaminated soils on both developments. Potential for cumulative impact due to an accidental pollution event/discharge to ground from this development on local hydrogeology for example with potential downstream effects including where groundwater discharges to surface water features linked to Malahide Estuary. Potential for local reduction in recharge	**Hydrogeology:** Identification of suitable disposal licenced sites for contaminated soil/appropriate/permitted end use for subsoils. Mitigation proposed to protect groundwater as well as surface water quality at nearby watercourses during construction and operation of the proposed Project will prevent groundwater and surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Recharge to ground where feasible as part of SuDS.	**Hydrogeology:** Imperceptible.
		Soils & Geology: Cumulative impacts relating to soils and geology unlikely given distance from proposed Project, setting and nature of development.	**Soils & Geology:** Not applicable.	**Soils & Geology:** None.
		Land Take: None. The development area is outside of the proposed Project permanent and temporary land take boundaries and is not continuous with any land take parcels.	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: Should the Construction Phases overlap there is potential for cumulative disturbance if utility diversions are required as part of the Vanguard Health Services development.	**Infrastructure & Utilities:** All utility diversions and new connections will be agreed with the relevant service providers. Designs for utility diversions have already been agreed in principle with the relevant utility providers and design refinement will be subject to further consultation. The duration of any service outage will be finalised with the relevant utility providers.	**Infrastructure & Utilities:** Not Significant.
		Agronomy: Potential for a cumulative impact. Construction of both the proposed Project and this development will facilitate the development of the surrounding area both residentially and economically, resulting in a reduction of the agricultural area.	**Agronomy:** Land is zoned for development, development in area is enviable. This agricultural land in the study area is very small in comparison to rest of country, the land zoned will inevitably be removed from agriculture and used for economic or residential purposes.	**Agronomy:** Not Significant

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: Impacts to potential archaeological deposits. Cumulative impact on archaeological heritage of Dublin but not considered significant	**Archaeology & Cultural Heritage:** Proposed mitigation within this EIAR is sufficient to manage the cumulative impact	**Archaeology & Cultural Heritage:** Not Significant.
		Architectural Heritage: No cumulative effects predicted	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: No significant cumulative effects predicted	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** Not Significant.
F19A/0401 F19A/0419	Kategale Limited The proposed development is Phase 1 and Phase 2 of a 2 Phase masterplan for a mixed residential and commercial scheme at Northwood Crescent	**Traffic & Transport:** No significant cumulative effects predicted	**Traffic & Transport:** Not applicable.	**Traffic & Transport:** Not Significant.
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: No significant cumulative impact anticipated during construction. Once operational, the proposed Project will improve the accessibility of and journey amenity to/from this development by way of the Northwood station	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** Not Significant. during construction. Positive and Slight during operation.
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** Imperceptible.
		Airborne Noise & Vibration: Projects sufficiently set back from each other such that no significant cumulative noise or vibration impacts are likely during the Construction Phase if both developments are under construction at the same time. There are no cumulative operational noise or vibration impacts	**Airborne Noise & Vibration:** Not applicable.	**Airborne Noise & Vibration:** Not Significant.
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction and/or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss from extreme habitat degradation. Should the Construction Phases overlap there is potential for cumulative impacts disturbance on fauna resulting in displacement from the locality Potential for cumulative impacts on habitats and species as a result of direct habitat loss arising from the construction of the proposed Project.	**Biodiversity:** Mitigation proposed in proposed Chapter 15 (Biodiversity) and Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events. Mitigation proposed in Chapter 15 (Biodiversity) to reduce disturbance impacts on fauna species during the Construction Phase of the proposed Project will mitigate potential cumulative impacts on fauna species. Mitigation proposed in Chapter 15 (Biodiversity) to minimise habitat loss and retain vegetation during the Construction Phase of the proposed Project will mitigate potential cumulative impacts on habitats and species. Nonetheless, the effects of habitat loss will remain significant at the local geographic scale for the habitats depositing / lowland rivers (FW2), drainage ditches (FW4), species-rich dry calcareous grassland (GS1), wet grassland (GS4), (mixed) broadleaved woodland (WD1), mixed conifer woodland (WD3), scattered trees and parkland (WD5), hedgerows (WL1), treelines (WL2) and immature woodland (WS2), and for the breeding bird species yellowhammer.	**Biodiversity:** Surface water: Not Significant. Disturbance: Not significant Habitat loss: Significant at the local geographic scale and permanent.
		Air Quality: Potential for cumulative dust impacts during the Construction Phase if both developments are under construction at the same time if both developments are under construction at the same time.	**Air Quality:** Dust mitigation measures outlined in the outline CEMP in Appendix A5.1 and Chapter 16 (Air Quality) of the EIAR will mitigate potential cumulative dust impacts. Dust deposition monitoring on the proposed Project will confirm concentrations within guideline values.	**Air Quality:** Not Significant.
		Climate: Not significant during the construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the	**Climate:** Not applicable.	**Climate:** Not Significant.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.		
		Hydrology: Potential for cumulative impact on nearby drainage channels and connection with the Santry River for example, due to accidental pollution event during the construction and/or operation of this development and hence potential impact on downstream habitats including Dublin Bay here.	**Hydrology:** Mitigation proposed to protect surface water quality at nearby identified watercourses including during construction and operation of the proposed Project, will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats.	**Hydrology:** Not Significant.
		Hydrogeology: Potential for local reduction in recharge to ground (where there will be new land take in urban setting). Potential for cumulative impact due to accidental pollution/discharge to ground event during the construction and/or operation of this development on nearby watercourses and where groundwater discharges to these surface water features and hence potential impact on downstream habitats.	**Hydrogeology:** Mitigation proposed to protect local groundwater within development boundaries as well as surface water quality at nearby watercourses/tributaries to same, during construction and operation of the proposed Project, will prevent groundwater and surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Recharge to ground where feasible as part of SuDS.	**Hydrogeology:** Imperceptible.
		Soils & Geology: Around 120 m to east of Northwood Station. Unlikely to be settlement or other cumulative effects	**Soils & Geology:** Not Applicable	**Soils & Geology:** Imperceptible.
		Land Take: None. The development area is outside of the proposed Project permanent and temporary land take boundaries and is not continuous with any land take parcels.	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: Should the Construction Phases overlap there is potential for cumulative disturbance if utility diversions are required as part of the Northwood Crescent development.	**Infrastructure & Utilities:** All utility diversions and new connections will be agreed with the relevant service providers. Designs for utility diversions have already been agreed in principle with the relevant utility providers and design refinement will be subject to further consultation. The duration of any service outage will be finalised with the relevant utility providers.	**Infrastructure and Utilities:** Not Significant.
		Agronomy: No cumulative impact predicted.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: Impacts to potential archaeological deposits. Cumulative impact on archaeological heritage of Dublin but not considered significant	**Archaeology & Cultural Heritage:** Proposed mitigation within this EIAR is sufficient to manage the cumulative impact	**Archaeology & Cultural Heritage:** Not Significant.
		Architectural Heritage: No cumulative effects predicted	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: No significant cumulative effects predicted	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** Not Significant.
2682/20	GA Development ICAV 10-year full planning permission for a mixed-use development at the Dublin Institute of Technology/Technological University Dublin (TUD) site, Kevin Street Lower, Dublin 8	**Traffic & Transport:** No significant cumulative effects predicted	**Traffic & Transport:** Not applicable.	**Traffic & Transport:** Not Significant.
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: Given the distance of this development from any above ground works (i.e., the Project Boundary) for the proposed Project, no significant cumulative effects anticipated with respect to population and land use during construction of this development. Once operational, the proposed Project will improve the accessibility of and journey amenity to/from this development by way of the St Stephen's Green station.	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** Not Significant.
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** Imperceptible.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Airborne Noise & Vibration: Projects sufficiently set back from each other such that no significant cumulative noise or vibration impacts are likely during the Construction Phase if both developments are under construction at the same time. There are no cumulative operational noise or vibration impacts	**Airborne Noise & Vibration:** Not applicable.	**Airborne Noise & Vibration:** Not Significant.
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction and/or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss from extreme habitat degradation.	**Biodiversity**: Mitigation proposed in Chapter 15 (Biodiversity) and Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events.	**Biodiversity:** Not Significant.
		Air Quality: No significant cumulative effects predicted to occur with respect to air quality during construction or operation of this development.	**Air Quality:** Not applicable.	**Air Quality:** Not Significant.
		Climate: No significant cumulative effects predicted to occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate:** Not applicable.	**Climate:** Not Significant.
		Hydrology: Potential for cumulative impact due to removal of contaminated soils from this development and the proposed Project. Potential for cumulative impact on nearby drainage channels and connection with the [culverted] Poddle River and River Liffey farther to the north for example, due to accidental pollution event during the construction and/or operation of this development and hence potential impact on downstream habitats including Dublin Bay.	**Hydrology:** Identification of suitable disposal licenced sites for contaminated soil. Mitigation proposed to protect surface water quality at nearby identified watercourses including the Poddle River/River Liffey during construction and operation of the proposed Project, will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats.	**Hydrology:** Not Significant.
		Hydrogeology: Potential for cumulative impact due to accidental pollution/discharge to ground event during the construction and/or operation of this development on nearby watercourses including the [culverted] Poddle River and River Liffey farther to the north and where groundwater discharges to nearby surface water features, and hence potential impact on downstream habitats, for example Dublin Bay. Potential cumulative impact from short-term Construction Phase dewatering activities. Local reduction in recharge to ground. Potential for cumulative impact due to removal of subsoils and/or contaminated soils from this development and the proposed Project.	**Hydrogeology:** Mitigation proposed to protect local groundwater within development boundaries as well as surface water quality at nearby watercourses/tributaries to same, during construction and operation of the proposed Project, will prevent groundwater and surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Recharge to ground where feasible as part of SuDS. Identification of suitable disposal licenced sites for contaminated soil for example.	**Hydrogeology:** Not Significant.
		Soils & Geology: Cumulative impacts relating to soils and geology unlikely given distance from proposed Project, setting and nature of development	**Soils & Geology:** Not applicable.	**Soils & Geology:** None.
		Land Take: None. The development area is outside of the proposed Project permanent and temporary land take boundaries and is not continuous with any land take parcels.	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: Given the distance of this development from any above ground works (i.e., the Project Boundary) for the proposed Project, no cumulative effects are predicted with respect to infrastructure and utilities during construction of this development.	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** None.
		Agronomy: No cumulative impacts predicted due to the distance of the development from the proposed Project.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Archaeology & Cultural Heritage: No cumulative impacts predicted due to the distance of the development from the proposed Project.	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No cumulative impacts predicted due to the distance of the development from the proposed Project.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: No significant cumulative effects predicted	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** Not Significant.
3327/20	Carsara Inns Limited. The development will consist of demolition of Nos. 34, 35, 36 & 37 Pembroke Street Lower (3 no. 2-storey buildings; c.268 sqm total) comprising 3 no. commercial units; construction of a new 5 storey mixed use development 34, 35, 36 & 37 Pembroke Street Lower, Dublin 2	**Traffic & Transport:** No significant cumulative effects predicted	**Traffic & Transport:** Not applicable.	**Traffic & Transport:** Not Significant.
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: No significant cumulative impact anticipated during construction. Once operational, the proposed Project will improve the accessibility of and journey amenity to/from this development by way of the St Stephen's Green station.	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** Not Significant. during construction. Positive and Slight during operation.
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** Imperceptible.
		Airborne Noise & Vibration: Projects sufficiently set back from each other and screened by intervening structures that no significant cumulative noise or vibration impacts are likely during the Construction Phase if both developments are under construction at the same time. There are no cumulative operational noise or vibration impacts.	**Airborne Noise & Vibration:** Not applicable.	**Airborne Noise & Vibration:** Not Significant.
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity Potential for cumulative impacts on downstream habitats arising from an accidental pollution event during the construction or operation of this development. Accidental pollution events could result in habitat degradation, and habitat loss arising from extreme habitat degradation.	**Biodiversity**: Mitigation proposed in Chapter 15 (Biodiversity) and Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events.	**Biodiversity:** Not Significant.
		Air Quality: Potential for cumulative dust impacts during the Construction Phase if both developments are under construction at the same time if both developments are under construction at the same time.	**Air Quality:** Dust mitigation measures outlined in the outline CEMP in Appendix A5.1 and Chapter 16 (Air Quality) of the EIAR will mitigate potential cumulative dust impacts. Dust deposition monitoring on the proposed Project will confirm concentrations within guideline values.	**Air Quality:** Not Significant.
		Climate: No significant cumulative effects predicted to occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate:** Not applicable.	**Climate:** Not Significant.
		Hydrology: No significant cumulative impacts predicted. However, potential for cumulative impact due to removal of contaminated soils from this development and the proposed Project. Potential for cumulative impact on nearby drainage channels and connection with the River Liffey farther to the north for example, due to accidental pollution event during the construction and/or operation of this development and hence potential impact on downstream habitats including Dublin Bay.	**Hydrology:** Identification of suitable disposal licenced sites for contaminated soil. Mitigation proposed to protect surface water quality at nearby identified watercourses including the River Liffey during construction and operation of the proposed Project, will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats.	**Hydrology:** Not Significant.
		Hydrogeology: Potential for cumulative impact due to accidental pollution/discharge to ground event during the construction and/or operation of this development on nearby watercourses including the River Liffey farther to the north and where groundwater discharges to nearby surface water features and hence potential impact on downstream habitats, for example Dublin Bay. Potential cumulative impact from short-term Construction Phase dewatering activities.	**Hydrogeology:** Mitigation proposed to protect local groundwater within development boundaries as well as surface water quality at nearby watercourses/tributaries to same, during construction and operation of the proposed Project, will prevent groundwater and surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) of the	**Hydrogeology:** Not Significant.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Local reduction in recharge to ground. Potential for cumulative impact due to removal of subsoils and/or contaminated soils from this development and the proposed Project.	EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Recharge to ground where feasible as part of SuDS. Identification of suitable disposal licenced sites for contaminated soil for example.	
		Soils & Geology: Cumulative impacts relating to soils and geology unlikely given distance from proposed Project, setting and nature of development.	**Soils & Geology:** Not applicable.	**Soils & Geology:** None.
		Land Take: None. The development area is outside of the proposed Project permanent and temporary land take boundaries and is not continuous with any land take parcels.	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: No cumulative effects predicted to occur with respect to infrastructure and utilities during construction or operation of this development.	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** None.
		Agronomy: No cumulative impacts predicted due to the distance of the development from the proposed Project.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: Impacts to potential archaeological deposits. Cumulative impact on archaeological heritage of Dublin but not considered significant	**Archaeology & Cultural Heritage:** Proposed mitigation within this EIAR is sufficient to manage the cumulative impact	**Archaeology & Cultural Heritage:** Not Significant.
		Architectural Heritage: None.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: Not Significant.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** Not Significant.
2464/20	Aviva Life & Pensions Ireland Designated Activity Company Demolition of the existing 1 and 2 no. storey buildings and the construction of a part 4, 5 and 6 no. storey mixed-use development 13 & 13a Merrion Row & 12a 12b 12c Merrion Court, Dublin 2, D02 AP80	**Traffic & Transport:** - Development will cause a pinch point on Merrion Row and interrupts desire lines for current volumes of pedestrians – volume will increase when St Stephen's Green station is in place, reducing pedestrian comfort level even further	**Traffic & Transport:** No mitigation specific to the proposed Project. However, other developers can consider setback of proposed development, or ensure no street furniture reduces available width even further. If pinch point worsens in Operational Phase, reconsider footpath width	**Traffic & Transport:** Negative and Moderate
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: Construction activity and construction traffic as a result of this development and the construction of Stephen's Green Station may have an adverse effect on pedestrian amenity by negatively impacting accessibility for local businesses and road users, should these developments be constructed concurrently	**Population & Land-Use:** Traffic and transport mitigation measures, as outlined in Chapter 9 (Traffic and Transport) will be implemented during construction to reduce impact on population	**Population & Land-Use:** Not Significant.
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** Imperceptible.
		Airborne Noise & Vibration: Projects sufficiently set back from each other and screened by intervening structures that no significant cumulative noise or vibration impacts are likely during the Construction Phase if both developments are under construction at the same time. There are no cumulative operational noise or vibration impacts	**Airborne Noise & Vibration:** Not applicable.	**Airborne Noise & Vibration:** Not Significant.
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction and/or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss from extreme habitat degradation. Should the Construction Phases overlap there is potential for cumulative disturbance on fauna resulting in displacement from the locality	**Biodiversity**: Mitigation proposed in Chapter 15 (Biodiversity) and Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events. Mitigation proposed in this EIAR to reduce disturbance impacts on fauna species during the Construction Phase of the proposed Project will mitigate potential cumulative impacts on fauna species.	**Biodiversity:** Not Significant.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Air Quality: Potential for cumulative dust impacts during the Construction Phase if both developments are under construction at the same time if both developments are under construction at the same time.	**Air Quality:** Dust mitigation measures outlined CEMP in Appendix A5.1 and Chapter 16 (Air Quality) of the EIAR will mitigate potential cumulative dust impacts. Dust deposition monitoring on the proposed Project will confirm concentrations within guideline values.	**Air Quality:** Not Significant.
		Climate: No significant cumulative effects predicted to occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate:** Not applicable.	**Climate:** Not Significant.
		Hydrology: No significant cumulative impacts predicted. However, potential for cumulative impact due to removal of contaminated soils from this development and the proposed Project. Potential for cumulative impact on nearby drainage channels and connection with the River Liffey farther to the north for example, due to accidental pollution event during the construction and/or operation of this development and hence potential impact on downstream habitats including Dublin Bay.	**Hydrology:** Identification of suitable disposal licenced sites for contaminated soil. Mitigation proposed to protect surface water quality at nearby identified watercourses including the River Liffey during construction and operation of the proposed Project, will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats.	**Hydrology:** Not Significant.
		Hydrogeology: Potential for cumulative impact due to accidental pollution/discharge to ground event during the construction and/or operation of this development on nearby watercourses including the River Liffey farther to the north and where groundwater discharges to nearby surface water features, and hence potential impact on downstream habitats, for example Dublin Bay. Potential cumulative impact from short-term Construction Phase dewatering activities. Local reduction in recharge to ground. Potential for cumulative impact due to removal of subsoils and/or contaminated soils from this development and the proposed Project.	**Hydrogeology:** Mitigation proposed to protect local groundwater within development boundaries as well as surface water quality at nearby watercourses/tributaries to same, during construction and operation of the proposed Project, will prevent groundwater and surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Recharge to ground where feasible as part of SuDS. Identification of suitable disposal licenced sites for contaminated soil for example.	**Hydrogeology:** Not Significant.
		Soils & Geology: Around 30 m to east of St Stephen's Green Station. Potential for cumulative settlement effect if developments coincide in terms of programme.	**Soils & Geology:** Proposed mitigation could include negotiation to ensure works are not undertaken concurrently or potentially ground treatment to reduce likelihood of settlement.	**Soils & Geology:** Slight/Imperceptible.
		Land Take: None. The development area is outside of the proposed Project permanent and temporary land take boundaries and is not continuous with any land take parcels.	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: The proposed development comprises the construction of a mixed-use retail/restaurant/residential development within approximately 20m of the Project Boundary at the proposed St Stephen's Green Station. Should the Construction Phases overlap, there is potential for cumulative disturbance if utility diversions are required as part of the development.	**Infrastructure & Utilities:** All utility diversions and new connections will be agreed with the relevant service providers. Designs for utility diversions have already been agreed in principle with the relevant utility providers and design refinement will be subject to further consultation. The duration of any service outage will be finalised with the relevant utility providers.	**Infrastructure & Utilities:** Not Significant.
		Agronomy: No cumulative impacts predicted due to the distance of the development from the proposed Project.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: Impacts to potential archaeological deposits. Cumulative impact on archaeological heritage of Dublin but not considered significant	**Archaeology & Cultural Heritage:** Proposed mitigation within this EIAR is sufficient to manage the cumulative impact	**Archaeology & Cultural Heritage:** Not Significant.
		Architectural Heritage: No cumulative impacts predicted due to the distance of the development from the proposed Project.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: Not Significant.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** Not Significant.
2553/20	Rails Investment Limited (In Trust)	**Traffic & Transport:** No significant cumulative effects predicted	**Traffic & Transport:** Not applicable.	**Traffic & Transport:** Not Significant.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
	The development will consist of the demolition of the existing warehouse/industrial building on site and the construction of a part 3 – part 6 No. storey office building. The development also includes: 18 No. car parking spaces accessed from Boyne Street Former Post Office Garage site (0.265 Ha site) bounded to the north/north-west by Pearse Street Station, Dublin 2	**Human Health:** Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: Given the distance of this development from the proposed Project, no significant cumulative effects anticipated with respect to population and land use will arise during construction or operation of this development.	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** Not Significant.
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** Imperceptible.
		Airborne Noise & Vibration: Above ground works associated with Metrolink sufficiently set back from listed project 2553/20 such that no significant cumulative noise or vibration impacts are likely during the Construction Phase if both developments are under construction at the same time. There are no cumulative operational noise or vibration impacts	**Airborne Noise & Vibration:** Not applicable.	**Airborne Noise & Vibration:** Not Significant.
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction and/or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss from extreme habitat degradation.	**Biodiversity**: Mitigation proposed in Chapter 15 (Biodiversity) and Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events.	**Biodiversity:** Not significant
		Air Quality: No significant cumulative effects predicted to occur with respect to air quality during construction or operation of this development.	**Air Quality:** Not applicable.	**Air Quality:** Not Significant.
		Climate: No significant cumulative effects predicted to occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate:** Not applicable.	**Climate:** Not Significant.
		Hydrology: Potential for cumulative impact due to removal of contaminated soils from this development and the proposed Project. Potential for cumulative impact on nearby drainage channels and connection with the River Liffey to the north for example, due to accidental pollution event during the construction and/or operation of this development and hence potential impact on downstream habitats including Dublin Bay.	**Hydrology:** Identification of suitable disposal licenced sites for contaminated soil. Mitigation proposed to protect surface water quality at nearby identified watercourses including the River Liffey during construction and operation of the proposed Project, will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats.	**Hydrology:** Not Significant.
		Hydrogeology: Potential for cumulative impact due to accidental pollution/discharge to ground event during the construction and/or operation of this development on nearby watercourses including the River Liffey to the north and where groundwater discharges to nearby surface water features, and hence potential impact on downstream habitats, for example Dublin Bay. Potential cumulative impact from short-term Construction Phase dewatering activities. Potential for cumulative impact due to removal of subsoils and/or contaminated soils from this development and the proposed Project.	**Hydrogeology:** Mitigation proposed to protect local groundwater within development boundaries as well as surface water quality at nearby watercourses/tributaries to same, during construction and operation of the proposed Project, will prevent groundwater and surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Identification of suitable disposal licenced sites for contaminated soil for example.	**Hydrogeology:** Not Significant.
		Soils & Geology: Cumulative impacts relating to soils and geology unlikely given distance from proposed Project, setting and nature of development	**Soils & Geology:** Not applicable.	**Soils & Geology:** None.
		Land Take: None. The development area is outside of the proposed Project permanent and temporary land take boundaries and is not continuous with any land take parcels.	**Land Take:** Not applicable.	**Land Take:** None.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Infrastructure & Utilities: No cumulative effects predicted to occur with respect to infrastructure and utilities during construction or operation of this development.	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** None.
		Agronomy: No cumulative impacts predicted.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: Impacts to potential archaeological deposits. Cumulative impact on archaeological heritage of Dublin but not considered significant	**Archaeology & Cultural Heritage:** Proposed mitigation within this EIAR is sufficient to manage the cumulative impact	**Archaeology & Cultural Heritage:** Not Significant.
		Architectural Heritage: No cumulative impacts predicted.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: Not Significant.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** Not Significant.
2532/20	IPUT Plc The development comprises of refurbishment works and extension of existing 5th storey block and provision of 2.no additional floors Block B, Georges Quay, Dublin 2, D02 VR98	**Traffic & Transport:** No significant cumulative effects predicted	**Traffic & Transport:** Not applicable.	**Traffic & Transport:** Not Significant.
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: Given the scale of this development (i.e., above ground refurbishment and extension works) and the proposed Project, no significant cumulative effects anticipated with respect to population during construction or operation of this development.	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** Not Significant.
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** Imperceptible.
		Airborne Noise & Vibration: Potential for cumulative noise or vibration impacts during the Construction Phase if both developments are under construction at the same time. There are no cumulative operational noise or vibration impacts	**Airborne Noise & Vibration:** Construction noise and vibration mitigation measures and limit values outlined in the outline CEMP in Appendix A5.1 and Chapter 13 (Airborne Noise & Vibration) of the EIAR are designed to avoid significant impacts at closest sensitive locations to the proposed Project. In the event that concurrent works are occurring at same locations, mitigation measures will be required to ensure limit values are not exceeded from both projects.	**Airborne Noise & Vibration:** Potential for Slight cumulative temporary construction noise impacts depending on timing of concurrent works
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity Potential for cumulative impacts on downstream habitats arising from an accidental pollution event during the construction or operation of this development. Accidental pollution events could result in habitat degradation, and habitat loss arising from extreme habitat degradation. Should the Construction Phases overlap there is potential for cumulative disturbance on fauna resulting in displacement from the locality	**Biodiversity**: Mitigation proposed in Chapter 15 (Biodiversity) and Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events. Mitigation proposed in Chapter 15 (Biodiversity) to reduce disturbance impacts on fauna species during the Construction Phase of the proposed Project will mitigate potential cumulative impacts on fauna species.	**Biodiversity:** Not Significant.
		Air Quality: Potential for cumulative dust impacts during the Construction Phase if both developments are under construction at the same time if both developments are under construction at the same time.	**Air Quality:** Dust mitigation measures outlined in the outline CEMP in Appendix A5.1 and Chapter 16 (Air Quality) of the EIAR will mitigate potential cumulative dust impacts. Dust deposition monitoring on the proposed Project will confirm concentrations within guideline values.	**Air Quality:** Not Significant.
		Climate: No significant cumulative effects predicted to occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate:** Not applicable.	**Climate:** Not Significant.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Hydrology: Potential for cumulative impact due to removal of contaminated soils from this development and the proposed Project. Potential for cumulative impact on nearby drainage channels and nearby connection with the River Liffey to the immediate north for example, due to accidental pollution event during the construction and/or operation of this development and hence potential impact on downstream habitats including Dublin Bay.	**Hydrology:** Identification of suitable disposal licenced sites for contaminated soil. Mitigation proposed to protect surface water quality at nearby identified watercourses including the River Liffey during construction and operation of the proposed Project, will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats.	**Hydrology:** Not Significant.
		Hydrogeology: Potential for cumulative impact due to accidental pollution/discharge to ground event during the construction and/or operation of this development on nearby River Liffey to the immediate north and where groundwater discharges to nearby surface water features, and hence potential impact on downstream habitats, for example Dublin Bay. Potential cumulative impact from short-term Construction Phase dewatering activities. Potential for cumulative impact due to removal of subsoils and/or contaminated soils from this development and the proposed Project.	**Hydrogeology:** Mitigation proposed to protect local groundwater within development boundaries as well as surface water quality at nearby watercourses/tributaries to same, during construction and operation of the proposed Project, will prevent groundwater and surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Identification of suitable disposal licenced sites for contaminated soil for example.	**Hydrogeology:** Not Significant.
		Soils & Geology: Adjacent to north of Tara Station. Potential for cumulative settlement effect if developments coincide in terms of programme.	**Soils & Geology:** Proposed mitigation could include negotiation to ensure works are not undertaken concurrently or potentially ground treatment to reduce likelihood of settlement.	**Soils & Geology:** Slight/Imperceptible.
		Land Take: None. The development area is outside of the proposed Project permanent and temporary land take boundaries.	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: Given the nature of the development works (refurbishment and extension of existing 5th storey block), no cumulative effects are predicted to occur.	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** None.
		Agronomy: No cumulative impacts predicted.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: No predicted cumulative impacts due to the developed nature of the site and nature of development.	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No cumulative impacts predicted.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: Possible slight visual effect. In a number of views towards Tara Station.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** Not Significant
3618/20	Mater Misericordiae University Hospital Planning permission for the construction of a four storey clinical extension and the partial demolition of existing floor slabs, 640m2, and facades and removal of various mechanical plant will be required to facilitate the development Mater Misericordiae University Hospital, Eccles Street, Dublin 7	**Traffic & Transport:** No significant impact	**Traffic & Transport:** Construction mitigation measures will be implemented to minimise impact of traffic associated with the proposed Project.	**Traffic & Transport:** Not Significant.
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: Given the proximity of these developments, local accessibility and amenity for the population could potentially be impacted should these developments be constructed concurrently. Once operational, the proposed Project will improve the accessibility of and journey amenity to/from this development by way of the Mater station	**Population & Land-Use:** Traffic and transport mitigation measures during construction to reduce impact on population.	**Population & Land-Use:** Not Significant.
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** Imperceptible.
		Airborne Noise & Vibration: Projects sufficiently set back from each other and screened by intervening structures such that no significant cumulative noise or vibration impacts are likely during the Construction Phase if both developments are under construction at the same time.	**Airborne Noise & Vibration:** Not applicable.	**Airborne Noise & Vibration:** Not Significant.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		There are no cumulative operational noise or vibration impacts		
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction and/or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss from extreme habitat degradation.	**Biodiversity**: Mitigation proposed in Chapter 15 (Biodiversity) and Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events.	**Biodiversity:** Not significant
		Air Quality: No significant cumulative effects predicted to occur with respect to air quality during construction or operation of this development.	**Air Quality:** Not applicable.	**Air Quality:** Not Significant.
		Climate: No significant cumulative effects predicted to occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate:** Not applicable.	**Climate:** Not Significant.
		Hydrology: No significant cumulative impacts predicted. However, potential for cumulative impact due to removal of contaminated soils from this development and the proposed Project. Potential for cumulative impact on nearby drainage channels and connection with the River Liffey to the south for example, due to accidental pollution event during the construction and/or operation of this development and hence potential impact on downstream habitats including Dublin Bay.	**Hydrology:** Identification of suitable disposal licenced sites for contaminated soil. Mitigation proposed to protect surface water quality at nearby identified watercourses including the River Liffey during construction and operation of the proposed Project, will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats.	**Hydrology:** Not Significant.
		Hydrogeology: Potential for cumulative impact due to removal of subsoils and/or contaminated soils from this development and the proposed Project. Potential for cumulative impact due to accidental pollution/discharge to ground event during the construction and/or operation of this development on nearby watercourses including the River Liffey to the south and where groundwater discharges to nearby surface water features, and hence potential impact on downstream habitats, for example Dublin Bay. Potential for some cumulative impact from short-term Construction Phase dewatering activities. Potential local reduction in recharge to ground.	**Hydrogeology:** Identification of suitable disposal routes for subsoils and/or licenced sites for contaminated soil. Mitigation proposed to protect local groundwater within development boundaries as well as surface water quality at nearby watercourses/tributaries to same, during construction and operation of the proposed Project, will prevent groundwater and surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Recharge to ground where feasible as part of SuDS.	**Hydrogeology:** Not Significant./Imperceptible.
		Soils & Geology: Around 120 m to north-east of Mater Station. Unlikely to be settlement or other cumulative effects.	**Soils & Geology:** Not Applicable.	**Soils & Geology:** Imperceptible.
		Land Take: None. The development area is outside of the proposed Project permanent and temporary land take boundaries and is not continuous with any land take parcels.	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: Given the proximity of these developments, there is potential for cumulative disturbance should Construction Phases overlap, and utility diversions are required as part of the hospital development.	**Infrastructure & Utilities:** All utility diversions and new connections will be agreed with the relevant service providers. Designs for utility diversions have already been agreed in principle with the relevant utility providers and design refinement will be subject to further consultation. The duration of any service outage will be finalised with the relevant utility providers.	**Infrastructure & Utilities:** Not significant
		Agronomy: No cumulative impacts predicted.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Archaeology & Cultural Heritage: Impacts to potential archaeological deposits. Cumulative impact on archaeological heritage of Dublin but not considered significant	**Archaeology & Cultural Heritage:** Proposed mitigation within this EIAR is sufficient to manage the cumulative impact	**Archaeology & Cultural Heritage:** Not Significant.
		Architectural Heritage: No cumulative impacts predicted.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: Not Significant.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** Not Significant.
F19A/0402	Rivergate Property Swords Limited The demolition of the existing site boundary wall and the development of a mixed-use scheme proposing, inter alia, a c.1050m² retail unit and 109-bedroom aparthotel on a currently vacant site. 6 Malahide Road, Swords, Co. Dublin	**Traffic & Transport:** No significant impact during construction. Population growth in the area included in model forecasts for Operational Phase	**Traffic & Transport:** Not applicable.	**Traffic & Transport:** Not Significant.
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: No significant cumulative impact anticipated during construction. Once operational, the proposed Project will improve the accessibility of and journey amenity to/from this development by way of the Swords Central station.	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** Not Significant.
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** Imperceptible.
		Airborne Noise & Vibration: Projects sufficiently set back from each other such that no significant cumulative noise or vibration impacts are likely during the Construction Phase if both developments are under construction at the same time. There are no cumulative operational noise or vibration impacts	**Airborne Noise & Vibration:** Not applicable.	**Airborne Noise & Vibration:** Not Significant.
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction and/or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss from extreme habitat degradation. Should the Construction Phases overlap there is potential for cumulative disturbance on fauna resulting in displacement from the locality	**Biodiversity**: Mitigation proposed in Chapter 15 (Biodiversity) and Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events. Mitigation proposed in this EIAR to reduce disturbance impacts on fauna species during the Construction Phase of the proposed Project will mitigate potential cumulative impacts on fauna species.	**Biodiversity:** Not Significant.
		Air Quality: Potential for cumulative dust impacts during the Construction Phase if both developments are under construction at the same time if both developments are under construction at the same time.	**Air Quality:** Dust mitigation measures outlined in the outline CEMP in Appendix A5.1 and Chapter 16 (Air Quality) of the EIAR will mitigate potential cumulative dust impacts. Dust deposition monitoring on the proposed Project will confirm concentrations within guideline values.	**Air Quality:** Not Significant.
		Climate: No significant cumulative effects predicted to occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate:** Not applicable.	**Climate:** Not Significant.
		Hydrology: No significant cumulative impacts. However, potential for cumulative impact on nearby drainage channels and water courses (for example Greenfields Stream and Ward River) and connection with Malahide Estuary to the north for example, due to accidental pollution event during the construction and/or operation of this development and hence potential impact on downstream habitats.	**Hydrology:** Mitigation proposed to protect surface water quality at nearby identified watercourses including during construction and operation of the proposed Project, will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats.	**Hydrology:** Not Significant.
		Hydrogeology: Potential for cumulative impact due to accidental pollution/discharge to ground event during the construction and/or operation of this development on nearby water features and where groundwater discharges to these surface water features and hence potential impact on downstream habitats.	**Hydrogeology:** Mitigation proposed to protect local groundwater within development boundaries as well as surface water quality at nearby watercourses, during construction and operation of the proposed Project, will prevent groundwater and surface water pollution events. Specifically, construction will be in line with the mitigation measures	**Hydrogeology:** Not Significant.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Potential for local reduction in recharge to ground.	defined Chapter 19 (Hydrogeology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Recharge to ground where feasible as part of SuDS.	
		Soils & Geology: Cumulative impacts relating to soils and geology unlikely given distance from proposed Project, setting and nature of development	**Soils & Geology:** Not applicable.	**Soils & Geology:** None.
		Land Take: None. The development area is outside of the proposed Project permanent and temporary land take boundaries and is not continuous with any land take parcels.	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: Should the Construction Phases overlap there is potential for cumulative disturbance if utility diversions are required as part of the Rivergate Property development.	**Infrastructure & Utilities:** All utility diversions and new connections will be agreed with the relevant service providers. Designs for utility diversions have already been agreed in principle with the relevant utility providers and design refinement will be subject to further consultation. The duration of any service outage will be finalised with the relevant utility providers.	**Infrastructure & Utilities:** Not significant
		Agronomy: No cumulative impacts predicted.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: Impacts to potential archaeological deposits. Cumulative impact on archaeological heritage of Dublin but not considered significant	**Archaeology & Cultural Heritage:** Proposed mitigation within this EIAR is sufficient to manage the cumulative impact	**Archaeology & Cultural Heritage:** Not Significant.
		Architectural Heritage: No cumulative impacts predicted.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: Not Significant.	**Landscape & Visual:** Not Significant.	**Landscape & Visual:** Not Significant.
2628/17	Phibsborough Shopping Centre Limited The development consists of the part demolition of existing structures on the site and the construction of an extension to the existing Phibsborough Shopping Centre containing student accommodation (two blocks) and a 3-4 storey setback block for mixed use	**Traffic & Transport:** No significant cumulative effects predicted	**Traffic & Transport:** Not applicable.	**Traffic & Transport:** Not Significant.
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: Given the scale of these developments, local accessibility and amenity for the population could potentially be impacted should these developments be constructed concurrently. Once operational, the proposed Project will improve the accessibility of and journey amenity to/from this development by way of the Glasnevin station	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** Not Significant.
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** Imperceptible.
		Airborne Noise & Vibration: Projects sufficiently set back from each other such that no significant cumulative noise or vibration impacts are likely during the Construction Phase if both developments are under construction at the same time. There are no cumulative operational noise or vibration impacts.	**Airborne Noise & Vibration:** Not applicable.	**Airborne Noise & Vibration:** Not Significant.
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction and/or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss from extreme habitat degradation. Should the Construction Phases overlap there is potential for cumulative disturbance on fauna resulting in displacement from the locality	**Biodiversity**: Mitigation proposed in Chapter 15 (Biodiversity) and Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events.	**Biodiversity:** Not Significant.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
			Mitigation proposed in this EIAR to reduce disturbance impacts on fauna species during the Construction Phase of the proposed Project will mitigate potential cumulative impacts on fauna species.	
		Air Quality: Potential for cumulative dust impacts during the Construction Phase if both developments are under construction at the same time if both developments are under construction at the same time.	**Air Quality:** Dust mitigation measures outlined in CEMP in Appendix A5.1 and Chapter 16 (Air Quality) of the EIAR will mitigate potential cumulative dust impacts. Dust deposition monitoring on the proposed Project will confirm concentrations within guideline values.	**Air Quality:** Not Significant.
		Climate: No significant cumulative effects predicted to occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate:** Not applicable.	**Climate:** Not Significant.
		Hydrology: Potential for cumulative impact due to removal of contaminated soils on both developments. There would be the potential for runoff of contaminated soil to impact surface water quality of nearby surface waterbodies, in the absence of any mitigation. Potential for impact on site drainage and connection with River Liffey to the south. Potential for cumulative impact due to accidental pollution event during the construction and/or operation of this development on the River Liffey and hence potential impact on downstream habitats including Dublin Bay.	**Hydrology:** Identification of suitable disposal licenced sites for contaminated soil. Construct in line with outline CEMP. Mitigation proposed to protect surface water quality at nearby water features (River Liffey and Dublin Bay) during construction and operation of the proposed Project will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats.	**Hydrology:** Not Significant.
		Hydrogeology: Potential for local reduction in recharge to ground. Potential for cumulative impact due to removal of contaminated soils on both developments. Potential for cumulative impact due to accidental pollution/discharge to ground event during the construction and/or operation of this development on the River Liffey/Dublin Bay where groundwater discharges to these surface water features and hence potential impact on downstream habitats including Dublin Bay. Potential cumulative impact from short-term Construction Phase dewatering activities -where basement included.	**Hydrogeology:** Recharge to ground where feasible as part of SuDS. Construct in line with outline CEMP. Identification of suitable disposal licenced sites for contaminated soil. Mitigation proposed to protect local groundwater as well as surface water quality at nearby water features including the River Liffey/Dublin Bay, during construction and operation of the proposed Project, will prevent groundwater and surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) of the EIAR and in the outline CEMP in Appendix A5.1with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats.	**Hydrogeology:** Not Significant./Imperceptible.
		Soils & Geology: Cumulative impacts relating to soils and geology unlikely given distance from proposed Project, setting and nature of development	**Soils & Geology:** Not applicable.	**Soils & Geology:** None.
		Land Take: None. The development area is outside of the proposed Project permanent and temporary land take boundaries and is not continuous with any land take parcels.	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: None. Sufficient separation to avoid cumulative impacts.	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** None.
		Agronomy: No cumulative impacts predicted.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: No predicted cumulative impacts due to distance of the development from the proposed project.	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No cumulative impacts predicted.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: Not Significant.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** Not Significant.
2107/16	Mater Misericordiae University Hospital	**Traffic & Transport:** No significant cumulative effects predicted	**Traffic & Transport:** Not applicable.	**Traffic & Transport:** Not Significant.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
	A Wastewater Treatment Plant and associated infrastructure to treat waste and wastewater for an estimated to 4,000 Population Equivalent (PE) on a 0.08 Ha site	**Human Health:** Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: No significant cumulative impact anticipated during construction. No significant cumulative effects on population and land use during operation	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** Not Significant.
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** Imperceptible.
		Airborne Noise & Vibration: Projects sufficiently set back from each other such that no significant cumulative noise or vibration impacts are likely during the Construction Phase if both developments are under construction at the same time. There are no cumulative operational noise or vibration impacts.	**Airborne Noise & Vibration:** Not applicable.	**Airborne Noise & Vibration:** Not Significant.
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction and/or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss from extreme habitat degradation. Should the Construction Phases overlap there is potential for cumulative disturbance on fauna resulting in displacement from the locality.	**Biodiversity**: Mitigation proposed in Chapter 15 (Biodiversity) and Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events. Mitigation proposed in this EIAR to reduce disturbance impacts on fauna species during the Construction Phase of the proposed Project will mitigate potential cumulative impacts on fauna species.	**Biodiversity:** Not Significant.
		Air Quality: Potential for cumulative dust impacts during the Construction Phase if both developments are under construction at the same time if both developments are under construction at the same time.	**Air Quality:** Dust mitigation measures outlined in CEMP in Appendix A5.1 and Chapter 16 (Air Quality) of the EIAR will mitigate potential cumulative dust impacts. Dust deposition monitoring on the proposed Project will confirm concentrations within guideline values.	**Air Quality:** Not Significant.
		Climate: No significant cumulative effects predicted to occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate:** Not applicable.	**Climate:** Not Significant.
		Hydrology: No significant cumulative impacts predicted. However, potential for cumulative impact due to removal of contaminated soils from this development and the proposed Project. Potential for cumulative impact on nearby drainage channels and connection with the River Liffey to the south for example, due to accidental pollution event during the construction and/or operation of this WWTP development and hence potential impact on downstream habitats including Dublin Bay.	**Hydrology:** Identification of suitable disposal licenced sites for contaminated soil. Mitigation proposed to protect surface water quality at nearby identified watercourses including the River Liffey during construction and operation of the proposed Project, will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats.	**Hydrology:** Not Significant.
		Hydrogeology: Potential for cumulative impact due to removal of subsoils and/or contaminated soils from this development and the proposed Project. Potential for cumulative impact due to accidental pollution/discharge to ground event during the construction and/or operation of this development on nearby watercourses including the River Liffey to the south, and where groundwater discharges to nearby surface water features and hence potential impact on downstream habitats, for example Dublin Bay. Potential for some cumulative impact from short-term Construction Phase dewatering activities where deep excavation included. Potential local reduction in recharge to ground.	**Hydrogeology:** Identification of suitable disposal routes for subsoils and/or licenced sites for contaminated soil. Mitigation proposed to protect local groundwater within development boundaries as well as surface water quality at identified watercourses during construction and operation of the proposed Project, will prevent groundwater and surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Recharge to ground where feasible as part of SuDS. Identification of suitable disposal licenced sites for contaminated soil for example.	**Hydrogeology:** Not Significant.
		Soils & Geology: Cumulative impacts relating to soils and geology unlikely given distance from proposed Project, setting and nature of development	**Soils & Geology:** Not applicable.	**Soils & Geology:** None.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Land Take: None. The development area is outside of the proposed Project permanent and temporary land take boundaries.	**Land Take:** Not applicable.	**Land Take: None.**
		Infrastructure & Utilities: The proposed development is within the hospital complex. There are no predicted cumulative effects associated with this development.	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** None.
		Agronomy: No cumulative impacts predicted.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: No predicted cumulative impacts due to distance of the development from the proposed project.	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No cumulative impacts predicted.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: Not Significant.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** Not Significant.
F20A/0553	daa plc Terminal 1, Dublin Airport façade refurbishment	**Traffic & Transport:** Cumulative impacts at this location are considered Not Significant due to the nature of the development.	**Traffic & Transport:** None	**Traffic & Transport:** Not Significant.
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: There are no residences living within Dublin Airport, hence no significant cumulative impacts are anticipated with respect to population during construction and operation of this development. No relevant impacts are considered likely for visiting or working populations.	**Population & Land-Use:** Not applicable	**Population & Land-Use:** None
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development.	**Electromagnetic Interference:** Not applicable	**Electromagnetic Interference:** None.
		Airborne Noise & Vibration: Localised project within Dublin Airport campus set back from proposed Dublin Airport Station works which will be significantly screened by on-site airport buildings. No cumulative impacts expected during Construction Phase as a result. No Operational Phase impacts predicted	**Airborne Noise & Vibration:** Not applicable	**Airborne Noise & Vibration:** None.
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable	**Groundborne Noise & Vibration:** None
		Biodiversity Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss arising from extreme habitat degradation. Should the construction periods overlap there is potential for cumulative disturbance on fauna resulting in displacement from the locality.	**Biodiversity**: Mitigation proposed in this EIAR and in Appendix A5.1 (outline CEMP) of this EIAR to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events. Mitigation proposed in this EIAR to reduce disturbance impacts on fauna species during the Construction Phase of the proposed Project will mitigate potential cumulative impacts on fauna species.	**Biodiversity:** Not Significant
		Air Quality: Potential for cumulative dust impacts during the Construction Phase if both developments are under construction at the same time. No likely significant Operational Phase impacts.	**Air Quality:** Dust mitigation measures outlined in the CEMP in Volume 5 of the EIAR and Chapter 16 Air Quality in Volume 3, Book 2 of this EIAR will mitigate potential cumulative dust impacts. Dust deposition monitoring on the proposed Project will confirm concentrations within guideline values.	**Air Quality:** Not Significant
		Climate: No significant cumulative effects will occur with respect to climate during construction and operation of this development.	**Climate:** Not applicable	**Climate:** Not Significant

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Hydrology: No significant cumulative impacts are predicted due to the nature of this development.	**Hydrology:** Identification of suitable disposal licenced sites for contaminated soil	**Hydrology:** Imperceptible
		Hydrogeology: No significant cumulative impacts are predicted due to the nature of this development.	**Hydrogeology:** Identification of suitable disposal licenced sites for contaminated soil	**Hydrogeology:** Imperceptible
		Soils & Geology: No below ground works proposed as part of airport building alteration works, cumulative impacts relating to soils and geology unlikely.	**Soils & Geology:** None	**Soils & Geology:** None.
		Land Take: None. This application relates to refurbishment and reconfiguration of the existing Dublin Airport Terminal 1 building.	**Land Take:** Not applicable	**Land Take:** None
		Infrastructure & Utilities: None. This application relates to refurbishment and reconfiguration of the existing Dublin Airport Terminal 1 building.	**Infrastructure & Utilities:** Not applicable	**Infrastructure & Utilities:** None
		Agronomy: No cumulative impacts are predicted as there is no agricultural land impacted.	**Agronomy:** Not applicable	**Agronomy:** None
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: No predicted cumulative impacts due to the fact the existing building will be altered.	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No cumulative impacts predicted.	**Architectural Heritage:** Not applicable	**Architectural Heritage:** None
		Landscape & Visual: New cladding to elevation of Terminal 1 building at Dublin Airport. Minor positive effect on views around the proposed Dublin Airport Station. There may be very slight cumulative effects however these are Not Significant.	**Landscape & Visual:** None	**Landscape & Visual:** Not Significant
F21A/0244	MSD International GmbH t/a MSD Ireland Extension and modifications to the existing ESB Substation at Drynam Road, Barrysparks, Swords, Co. Dublin	**Traffic & Transport:** No significant cumulative effects predicted	**Traffic & Transport:** None	**Traffic & Transport:** Not Significant
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: No significant cumulative impacts will occur with respect to population during construction of this development given the scale of this development, that this is an extension of an existing electricity substation, and distance from this development to the proposed Project.	**Population & Land-Use:** Not applicable	**Population & Land-Use:** None
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development.	**Electromagnetic Interference:** Not applicable	**Electromagnetic Interference:** Imperceptible
		Airborne Noise & Vibration: Minor and localised works set back at considerable distance from any proposed Project construction works. Will not result in any cumulative noise or vibration impacts during Construction Phase. No cumulative operational noise or vibration impacts predicted	**Airborne Noise & Vibration:** Not applicable	**Airborne Noise & Vibration:** None
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable	**Groundborne Noise & Vibration:** None
		Biodiversity Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss arising from extreme habitat degradation.	**Biodiversity**: Mitigation proposed in this EIAR and in Appendix A5.1 (outline CEMP) of this EIAR to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events.	**Biodiversity:** Not Significant
		Air Quality: Potential for cumulative dust impacts during the Construction Phase if both developments are under construction at the same time. No likely significant Operational Phase impacts.	**Air Quality:** Dust mitigation measures outlined in the CEMP in Volume 5 of the EIAR and Chapter 16 Air Quality in Volume 3, Book 2 of this EIAR will mitigate potential cumulative dust impacts. Dust deposition monitoring on the proposed Project will confirm concentrations within guideline values.	**Air Quality:** Not Significant

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Climate: No significant cumulative effects predicted to occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate:** Not applicable	**Climate:** Not Significant
		Hydrology: No significant cumulative impacts predicted. However, potential for a minor cumulative impact due to removal of any contaminated soils on both developments. Application site is near stormwater/ watercourses feeding into Malahide Estuary SAC.	**Hydrology:** Identification of suitable disposal licenced sites for potentially contaminated soil.	**Hydrology:** Imperceptible
		Hydrogeology: No significant cumulative impacts. However, potential for a minor cumulative impact due to removal of any contaminated soils on both developments	**Hydrogeology:** Identification of suitable disposal licenced sites for potentially contaminated soil.	**Hydrogeology:** Imperceptible
		Soils & Geology: Minor sub-surface works to be undertaken at distance from proposed Project as part of substation extension / modification. Cumulative impacts on soils and geology likely to be minimal although minor additional soil loss will occur.	**Soils & Geology:** None	**Soils & Geology:** Negligible
		Land Take: None. Over 500m south-east of the proposed Project permanent and temporary land take boundaries.	**Land Take:** Not applicable	**Land Take:** None
		Infrastructure & Utilities: None. This application relates to a minor extension and modifications to an existing ESB Substation.	**Infrastructure & Utilities:** Not applicable	**Infrastructure & Utilities:** None
		Agronomy: No cumulative impacts predicted.	**Agronomy:** Not applicable	**Agronomy:** None
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: No predicted cumulative impacts due to distance of development from proposed project and minimal ground disturbances.	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No cumulative impacts predicted.	**Architectural Heritage:** Not applicable	**Architectural Heritage:** None
		Landscape & Visual: N No cumulative impacts predicted.	**Landscape & Visual:** Not applicable	**Landscape & Visual:** None
2723/20	Oxley Holdings Limited Commercial development at this site at the rear of Connolly Station, Sheriff Street Lower, Dublin 1. Construction of 3 commercial blocks	**Traffic & Transport:** Not Significant – opening year is prior to MetroLink construction and has a minimal impact on traffic levels in the area	**Traffic & Transport:** None	**Traffic & Transport:** Not Significant
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: The construction of both projects will increase construction employment opportunities and may boost the positive direct and indirect economic effects associated with these projects. Given the scale of this development and its distance from the proposed Project, no further significant cumulative impacts will occur with respect to population during construction of this development.	**Population & Land-Use:** Not applicable	**Population & Land-Use:** Not Significant
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development.	**Electromagnetic Interference:** Not applicable	**Electromagnetic Interference:** Imperceptible
		Airborne Noise & Vibration: Development set back from closest surface works associated with the proposed Project by considerable distance with no potential for cumulative noise or vibration impacts. No operational cumulative impacts predicted due to distance and underground rail line	**Airborne Noise & Vibration:** Not applicable	**Airborne Noise & Vibration:** None
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable	**Groundborne Noise & Vibration:** None
		Biodiversity Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss arising from extreme habitat degradation.	**Biodiversity**: Mitigation proposed in this EIAR and in Appendix A5.1 (outline CEMP) of this EIAR to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events.	**Biodiversity:** Not Significant
		Air Quality: No likely significant Construction (distance greater than 500m) or Operational Phase impacts.	**Air Quality:** Not applicable	**Air Quality:** Not Significant

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Climate: No significant cumulative effects predicted to occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate:** Not applicable	**Climate:** Not Significant
		Hydrology: No significant cumulative impacts. However, potential for cumulative impact on nearby drainage channels and connection with the River Liffey to the south for example, due to accidental pollution event during the construction and/or operation of this development and hence potential impact on downstream habitats including Dublin Bay. **Hydrology:** Potential for cumulative impact due to removal of any contaminated soils on both developments	**Hydrology:** Mitigation proposed to protect surface water quality at identified receiving watercourses including the River Liffey during construction and operation of the proposed Project, will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) and outline CEMP (Appendix A5.1) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Identification of suitable disposal licenced sites for potentially contaminated soil.	**Hydrology:** Not significant/ Imperceptible
		Hydrogeology: No significant cumulative impacts. However, potential for cumulative impact due to accidental pollution/ discharge to ground event during the construction and/or operation of this development on nearby watercourses including the River Liffey and where groundwater discharges to nearby surface water features and hence potential impact on downstream habitats (Dublin Bay in this case). Short-term dewatering effects possible for basement construction. Potential for local reduction in recharge to ground **Hydrogeology:** Potential for cumulative impact due to removal of any contaminated soils on both developments	**Hydrogeology:** Mitigation proposed to protect local groundwater within development boundaries as well as surface water quality at nearby watercourses to same, during construction and operation of the proposed Project, will prevent groundwater and surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) and outline CEMP (Appendix A5.1) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Recharge to ground where feasible as part of SuDS. Identification of suitable disposal licenced sites for potentially contaminated soil.	**Hydrogeology:** Imperceptible
		Soils & Geology: Cumulative impacts relating to soils and geology unlikely given distance from proposed Project, setting and nature of development.	**Soils & Geology:** None	**Soils & Geology:** Negligible
		Land Take: None. The development area is outside of the proposed Project permanent and temporary land take boundaries.	**Land Take:** Not applicable	**Land Take:** None
		Infrastructure & Utilities: Given the distance of this development from the proposed Project (approximately 900m north-east of the proposed Tara Station and alignment), no cumulative impacts are predicted to occur with respect to infrastructure and utilities during construction or operation of this development.	**Infrastructure & Utilities:** Not applicable	**Infrastructure & Utilities:** None
		Agronomy: No cumulative impacts predicted.	**Agronomy:** Not applicable	**Agronomy:** None
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: Impacts to known and potential unknown archaeological deposits. Cumulative impact on archaeological heritage of Dublin but not considered significant.	**Archaeology & Cultural Heritage:** Mitigation measures proposed in Chapter 25 (Archaeology & Cultural Heritage) are sufficient to manage the cumulative impact.	**Archaeology & Cultural Heritage:** Not Significant.
		Architectural Heritage: No cumulative impacts predicted.	**Architectural Heritage:** Not applicable	**Architectural Heritage:** None
		Landscape & Visual: No cumulative impacts predicted.	**Landscape & Visual:** Not applicable	**Landscape & Visual:** None
F20A/0535	Private landowner Development of a new Petrol Filling Station at Holywell Distributor Road, Mountgorry, Swords, Co. Dublin	**Traffic & Transport:** No significant cumulative effects predicted	**Traffic & Transport:** None	**Traffic & Transport:** Not Significant
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Population & Land-Use: No significant cumulative impacts will occur with respect to population during construction of this development given the scale of this development and distance from this development to the proposed Project.	**Population & Land-Use:** Not applicable	**Population & Land-Use:** None
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development.	**Electromagnetic Interference:** Not applicable	**Electromagnetic Interference:** Imperceptible
		Airborne Noise & Vibration: Development set back from closest surface works associated with the proposed Project by considerable distance with no potential for cumulative noise or vibration impacts. No operational cumulative impacts predicted due to distance	**Airborne Noise & Vibration:** Not applicable	**Airborne Noise & Vibration:** None
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable	**Groundborne Noise & Vibration:** None
		Biodiversity Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss arising from extreme habitat degradation.	**Biodiversity**: Mitigation proposed in this EIAR and in Appendix A5.1 (outline CEMP) of this EIAR to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events.	**Biodiversity:** Not Significant
		Air Quality: Potential for cumulative dust impacts during the Construction Phase if both developments are under construction at the same time if they overlap. Potential increase in Operational Phase traffic emissions in the local area however no likely significant cumulative Construction or Operational Phase impacts.	**Air Quality:** Dust mitigation measures outlined in the CEMP in Volume 5 of the EIAR and Chapter 16 Air Quality in Volume 3, Book 2 of this EIAR will mitigate potential cumulative dust impacts. Dust deposition monitoring on the proposed Project will confirm concentrations within guideline values.	**Air Quality:** Not Significant
		Climate: No significant cumulative effects predicted to occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate:** Not applicable	**Climate:** Not Significant
		Hydrology: No significant cumulative impacts predicted. However, potential for cumulative impact on nearby drainage channels and connection with the Gaybrook River for example, due to accidental pollution event during the construction and/or operation of this development and hence potential impact on downstream habitats including Malahide Estuary.	**Hydrology:** Mitigation proposed to protect surface water quality at identified receiving watercourses including the Gaybrook River during construction and operation of the proposed Project, will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) and Appendix A5.1 (outline CEMP) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats.	**Hydrology:** Not Significant/ Imperceptible
		Hydrogeology: Potential for cumulative impact due to removal of contaminated soils [where present/ created] on this development and the proposed Project. Potential for local reduction in recharge to ground	**Hydrogeology:** Identification of suitable disposal licenced sites for contaminated soil Recharge to ground where feasible as part of SuDS.	**Hydrogeology:** Imperceptible
		Soils & Geology: New petrol filling station may lead to minor additional soil loss; however, effect is not considered to be significant.	**Soils & Geology:** None	**Soils & Geology:** Negligible
		Land Take: None. Over 700m south-east of the proposed Project permanent and temporary land take boundaries.	**Land Take:** Not applicable	**Land Take:** None
		Infrastructure & Utilities: None. Given the distance of this development from the proposed Project (approximately 700m south-east of the proposed) and the nature of the development (a proposed Petrol Filling Station), no cumulative impacts are predicted to occur with respect to infrastructure and utilities.	**Infrastructure & Utilities:** Not applicable	**Infrastructure & Utilities:** None
		Agronomy: No cumulative impacts predicted.	**Agronomy:** Not applicable	**Agronomy:** None
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: No predicted cumulative impacts due to distance of development from the proposed Project.	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No cumulative impacts predicted.	**Architectural Heritage:** Not applicable	**Architectural Heritage:** None

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Landscape & Visual: No cumulative impacts predicted.	**Landscape & Visual:** Not applicable	**Landscape & Visual:** None
3702/20	A Star Backpackers Limited Development will consist of a 96 bedroom contemporary tourist hostel in existing and new buildings ranging in height from 6 to 7 storey (over basement) at 6-12, Sackville Place and 107A Marlborough Street, Dublin 1.	**Traffic & Transport:** No significant cumulative effects predicted	**Traffic & Transport:** None	**Traffic & Transport:** Not Significant
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: The construction of both projects could potentially impact local accessibility for the pedestrians traversing in and around O'Connell Street should these developments be constructed concurrently. The construction of both projects will increase construction employment opportunities and may boost the positive direct and indirect economic effects associated with these projects.	**Population & Land-Use:** Traffic and transport mitigation measures, as outlined in Chapter 9 (Traffic and Transport) will be implemented during construction to reduce impact on population	**Population & Land-Use:** Not Significant
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development.	**Electromagnetic Interference:** Not applicable	**Electromagnetic Interference:** Imperceptible
		Airborne Noise & Vibration: Development set back from closest surface works associated with the proposed Project by considerable distance with no potential for cumulative noise or vibration impacts. No operational cumulative impacts predicted due to distance and underground rail line	**Airborne Noise & Vibration:** Not applicable	**Airborne Noise & Vibration:** None
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable	**Groundborne Noise & Vibration:** None
		Biodiversity Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss arising from extreme habitat degradation. Should the construction periods overlap there is potential for cumulative disturbance on fauna resulting in displacement from the locality	**Biodiversity**: Mitigation proposed in this EIAR and in Appendix A5.1 (outline CEMP) of this EIAR to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events. Mitigation proposed in this EIAR to reduce disturbance impacts on fauna species during the construction phase of the proposed Project will mitigate potential cumulative impacts on fauna species.	**Biodiversity:** Not Significant
		Air Quality: Potential for cumulative dust impacts during the Construction Phase if both developments are under construction at the same time. No likely significant Operational Phase impacts.	**Air Quality:** Dust mitigation measures outlined in the CEMP in Volume 5 of the EIAR and Chapter 16 Air Quality in Volume 3, Book 2 of this EIAR will mitigate potential cumulative dust impacts. Dust deposition monitoring on the proposed Project will confirm concentrations within guideline values.	**Air Quality:** Not Significant
		Climate: No significant cumulative effects predicted to occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate:** Not applicable	**Climate:** Not Significant
		Hydrology: No significant cumulative impacts predicted. However, potential for cumulative impact on nearby drainage channels and connection with the River Liffey to the south for example, due to accidental pollution event during the construction and/or operation of this development and hence potential impact on downstream habitats including Dublin Bay. Potential for cumulative impact due to removal of any contaminated soils on both developments.	**Hydrology:** Mitigation proposed to protect surface water quality at identified receiving watercourses including the River Liffey during construction and operation of the proposed Project, will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) and Appendix A5.1 (outline CEMP) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Identification of suitable disposal licenced sites for potentially contaminated soil.	**Hydrology:** Not Significant/ Imperceptible
		Hydrogeology: No significant cumulative impacts predicted. However, potential for cumulative impact due to accidental pollution/ discharge to ground event during the construction and/or operation of this development on nearby watercourses including the River Liffey and where groundwater discharges to nearby surface water features and hence potential impact on downstream habitats (Dublin Bay in this case). Short-term dewatering effects possible for basement extension construction. Potential for local reduction in recharge to ground. Potential for cumulative impact due to removal of any contaminated soils on both developments.	**Hydrogeology:** Mitigation proposed to protect local groundwater within development boundaries as well as surface water quality at nearby watercourses to same, during construction and operation of the proposed Project, will prevent groundwater and surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) and Appendix A5.1 (outline CEMP) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats.	**Hydrogeology:** Imperceptible

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
			Recharge to ground where feasible as part of SuDS. Identification of suitable disposal licenced sites for potentially contaminated soil.	
		Soils & Geology: Development to east of tunnelled section, outside likely zone of settlement influence, unlikely to result in cumulative impacts	**Soils & Geology:** None	**Soils & Geology: N**egligible
		Land Take: None. The development is outside of, and not continuous with, the proposed Project land take boundaries.	**Land Take:** Not applicable	**Land Take:** None
		Infrastructure & Utilities: None. Although the development site is only approximately 50m to the east of the proposed Project alignment, it is tunnelled in this section and no cumulative impacts are predicted to occur with respect to infrastructure and utilities.	**Infrastructure & Utilities:** Not applicable	**Infrastructure & Utilities:** None
		Agronomy: No cumulative impacts predicted.	**Agronomy:** Not applicable	**Agronomy:** None
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: No predicted cumulative impacts as development within existing buildings.	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No cumulative impacts predicted.	**Architectural Heritage:** Not applicable	**Architectural Heritage:** None
		Landscape & Visual: No cumulative impacts predicted.	**Landscape & Visual:** Not applicable	**Landscape & Visual:** None
2421/20	Bashview Limited Demolition of the existing six storey mixed use structure and the provision of a nine storey over basement office building with a restaurant at ground floor.	**Traffic & Transport:** No significant cumulative effects predicted.	**Traffic & Transport:** None	**Traffic & Transport:** Not Significant
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: As cumulative traffic and environmental effects not considered significant, significant cumulative effects on population and land take are not likely to occur.	**Population & Land-Use:** Not applicable	**Population & Land-Use:** Not Significant.
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development.	**Electromagnetic Interference:** Not applicable	**Electromagnetic Interference:** Imperceptible
		Airborne Noise & Vibration: Development set back from closest surface works associated with the proposed Project by considerable distance with no potential for cumulative noise or vibration impacts. No operational cumulative impacts predicted due to distance and underground rail line	**Airborne Noise & Vibration:** Not applicable	**Airborne Noise & Vibration:** None
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable	**Groundborne Noise & Vibration:** None
		Biodiversity Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss arising from extreme habitat degradation.	**Biodiversity**: Mitigation proposed in this EIAR and in Appendix A5.1 (outline CEMP) of this EIAR to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events.	**Biodiversity:** Not Significant
		Air Quality: Due to the distance from dust generating sites (>500m) associated with the proposed Project there will be no likely significant cumulative dust impact. Current car parking spaces are removed as part of this application and no new car parking facilities are provided with this application and therefore it is unlikely to generate significant traffic.	**Air Quality:** Not applicable	**Air Quality:** No likely significant Construction or Operational Phase cumulative impacts.
		Climate: No significant cumulative effects predicted to occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate:** Not applicable	**Climate:** No significant cumulative effects will occur with respect to climate during construction of this development.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Hydrology: No significant cumulative impacts predicted. However, potential for cumulative impact on nearby drainage channels and connection with the River Liffey to the south for example, due to accidental pollution event during the construction and/or operation of this development and hence potential impact on downstream habitats including Dublin Bay. Potential for cumulative impact due to removal of any contaminated soils on both developments.	**Hydrology:** Mitigation proposed to protect surface water quality at identified receiving watercourses including the River Liffey during construction and operation of the proposed Project, will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) and Appendix A5.1 (outline CEMP) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Identification of suitable disposal licenced sites for potentially contaminated soil.	**Hydrology:** Not Significant/ Imperceptible
		Hydrogeology: No significant cumulative impacts predicted. However, potential for cumulative impact due to accidental pollution/ discharge to ground event during the construction and/or operation of this development on nearby watercourses including the River Liffey and where groundwater discharges to nearby surface water features and hence potential impact on downstream habitats (Dublin Bay in this case). Short-term dewatering effects possible for basement extension construction. Potential for local reduction in recharge to ground. Potential for cumulative impact due to removal of any contaminated soils on both developments.	**Hydrogeology:** Mitigation proposed to protect local groundwater within development boundaries as well as surface water quality at nearby watercourses to same, during construction and operation of the proposed Project, will prevent groundwater and surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) and Appendix A5.1 (outline CEMP) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Recharge to ground where feasible as part of SuDS. Identification of suitable disposal licenced sites for potentially contaminated soil.	**Hydrogeology:** Imperceptible
		Soils & Geology: Cumulative impacts relating to soils and geology unlikely given distance from proposed Project, setting and nature of development	**Soils & Geology:** None	**Soils & Geology:** None
		Land Take: None. The development is outside of, and not continuous with, the proposed Project land take boundaries.	**Land Take:** Not applicable	**Land Take:** None
		Infrastructure & Utilities: The proposed development comprises a nine-storey over basement office building with a restaurant at ground floor approximately 600m to the south-east of Tara Station. Should the construction periods overlap, there is potential for cumulative disturbance if utility diversions are required as part of the development.	**Infrastructure & Utilities:** All utility diversions and new connections will be agreed with the relevant service providers. Designs for utility diversions have already been agreed in principle with the relevant utility providers and design refinement will be subject to further consultation. The duration of any service outage will be finalised with the relevant utility providers.	**Infrastructure & Utilities:** Not Significant
		Agronomy: No cumulative impacts predicted.	**Agronomy:** Not applicable	**Agronomy:** None
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: Impacts to known and potential unknown archaeological deposits. Cumulative impact on archaeological heritage of Dublin but not considered significant.	**Archaeology & Cultural Heritage:** Proposed mitigation within this EIAR is sufficient to manage the cumulative impact	**Archaeology & Cultural Heritage:** Not significant
		Architectural Heritage: No cumulative impacts predicted.	**Architectural Heritage:** Not applicable	**Architectural Heritage:** None
		Landscape & Visual: No cumulative impacts predicted.	**Landscape & Visual:** Not applicable	**Landscape & Visual:** None
3391/20	Winchurch Investments Limited Demolition of the existing two storey mixed-use buildings at 146-147 Phibsborough Road and a derelict single storey dwelling known as 10 Eglington Terrace to the rear and construction of new mixed-use development. The proposed development is for a mixed-use block consisting of a restaurant and cafe space	**Traffic & Transport:** Proximity to Mater Station and associated closures on Eccles Street during Construction Phase could impact access if Construction Phases were to overlap	**Traffic & Transport:** Ensure access to development is maintained- review lane closures periodically to determine if one lane can be partially reopened	**Traffic & Transport:** Not Significant
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: The construction of both projects may impact journey amenity of the population in this area should these developments be constructed concurrently.	**Population & Land-Use:** Traffic and transport mitigation measures, as outlined in Chapter 9 (Traffic and Transport) will be implemented during construction to reduce impact on population	**Population & Land-Use:** Not significant.
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development.	**Electromagnetic Interference:** Not applicable	**Electromagnetic Interference:** Imperceptible

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Airborne Noise & Vibration: Development set back from closest surface works associated with the proposed Project by considerable distance and screened by intervening buildings with no potential for any significant cumulative noise or vibration impacts. No operational cumulative impacts predicted due to distance and underground rail line	**Airborne Noise & Vibration:** Not applicable	**Airborne Noise & Vibration:** Not Significant
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable	**Groundborne Noise & Vibration:** None
		Biodiversity Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss arising from extreme habitat degradation. Should the construction periods overlap there is potential for cumulative disturbance on fauna resulting in displacement from the locality	**Biodiversity**: Mitigation proposed in this EIAR and in Appendix A5.1 (outline CEMP) to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events. Mitigation proposed in this EIAR to reduce disturbance impacts on fauna species during the construction phase of the proposed Project will mitigate potential cumulative impacts on fauna species.	**Biodiversity:** Not Significant
		Air Quality: Due to the distance from dust generating sites (>500m) associated with the proposed Project there is no likely significant cumulative dust impact. There are no significant likely cumulative Construction or Operational Phase traffic emissions.	**Air Quality:** Not applicable	**Air Quality:** No likely significant Construction or Operational Phase cumulative impacts.
		Climate: No significant cumulative effects predicted to occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate:** Not applicable	**Climate:** No significant cumulative impacts will occur with respect to climate during construction of this development.
		Hydrology: No significant cumulative impacts predicted. However, potential for cumulative impact on nearby drainage channels and connection with the River Liffey to the south for example, due to accidental pollution event during the construction and/or operation of this development and hence potential impact on downstream habitats including Dublin Bay. Drainage in the wider area to distant Royal Canal not known. Potential for cumulative impact due to removal of any contaminated soils on both developments.	**Hydrology:** Mitigation proposed to protect surface water quality at identified receiving watercourses including the River Liffey during construction and operation of the proposed Project, will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) and Appendix A5.1 (outline CEMP) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Identification of suitable disposal licenced sites for potentially contaminated soil.	**Hydrology:** Not Significant/ Imperceptible
		Hydrogeology: No significant cumulative impacts predicted. However, potential for cumulative impact due to accidental pollution/ discharge to ground event during the construction and/or operation of this development on nearby watercourses including the River Liffey and where groundwater discharges to nearby surface water features and hence potential impact on downstream habitats (Dublin Bay in this case). Some potential for local reduction in recharge to ground. Potential for cumulative impact due to removal of any contaminated soils on both developments.	**Hydrogeology:** Mitigation proposed to protect local groundwater within development boundaries as well as surface water quality at nearby watercourses to same, during construction and operation of the proposed Project, will prevent groundwater and surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) and Appendix A5.1 (outline CEMP) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Recharge to ground where feasible as part of SuDS. Identification of suitable disposal licenced sites for potentially contaminated soil.	**Hydrogeology:** Imperceptible
		Soils & Geology: Development adjacent to tunnelled section, potential for cumulative settlement impacts depending on timing and duration of works.	**Soils & Geology:** Determine construction programme, additional settlement monitoring if programmes coincide.	**Soils & Geology:** Negligible
		Land Take: None. The proposed Project alignment will be tunnelled at depth beneath this proposed development.	**Land Take:** Not applicable	**Land Take:** None
		Infrastructure & Utilities: The mixed-use development subject to this application is situated within 500m of both the proposed Glasnevin and O'Connell Street Stations. Given the size of the development, should the construction periods overlap, there is potential for cumulative disturbance if utility diversions are required as part of the development.	**Infrastructure & Utilities:** All utility diversions and new connections will be agreed with the relevant service providers. Designs for utility diversions have already been agreed in principle with the relevant utility providers and design refinement will be subject to further consultation. The duration of any service outage will be finalised with the relevant utility providers.	**Infrastructure & Utilities:** Not Significant
		Agronomy: No cumulative impacts predicted.	**Agronomy:** Not applicable	**Agronomy:** None
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.		
		Archaeology & Cultural Heritage: Impacts to known and potential unknown archaeological deposits. Cumulative impact on archaeological heritage of Dublin but not considered significant.	**Archaeology & Cultural Heritage:** Proposed mitigation within this EIAR is sufficient to manage the cumulative impact	**Archaeology & Cultural Heritage:** Not significant
		Architectural Heritage: No cumulative impacts predicted.	**Architectural Heritage:** Not applicable	**Architectural Heritage:** None
		Landscape & Visual: No cumulative impacts predicted.	**Landscape & Visual:** Not applicable	**Landscape & Visual:** None
F20A/0262 / formerly F19A/0049	Daa plc Amendment to Planning Permission reference F19A/0049 as granted which is for: a) a single-storey extension of Pier 1 and Pier 2 Immigration Hall by 673 square metres to the North East at Dublin Airport	**Traffic & Transport:** No significant cumulative impact predicted	**Traffic & Transport:** None	**Traffic & Transport:** Not Significant
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: There are no residences living within Dublin Airport, hence no significant cumulative impacts anticipated with respect to population during construction and operation of this development. No relevant impacts are considered likely for visiting or working populations.	**Population & Land-Use:** Not applicable	**Population & Land-Use:** None
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development.	**Electromagnetic Interference:** Not applicable	**Electromagnetic Interference:** Imperceptible
		Airborne Noise & Vibration: Development set back from closest surface works associated with the proposed Project by considerable distance with no potential for cumulative noise or vibration impacts. No operational cumulative impacts predicted due to distance and underground rail line	**Airborne Noise & Vibration:** Not applicable	**Airborne Noise & Vibration:** None
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable	**Groundborne Noise & Vibration:** None
		Biodiversity Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss arising from extreme habitat degradation. Should the construction periods overlap there is potential for cumulative disturbance on fauna resulting in displacement from the locality	**Biodiversity**: Mitigation proposed in this EIAR and in Appendix A5.1 (outline CEMP) to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events. Mitigation proposed in this EIAR to reduce disturbance impacts on fauna species during the construction phase of the proposed Project will mitigate potential cumulative impacts on fauna species.	**Biodiversity:** Not Significant
		Air Quality: Potential for cumulative dust impacts during the Construction Phase if both developments are under construction at the same time. No likely significant Operational Phase impacts. Current car parking spaces are removed as part of this application and no new car parking facilities are provided with this application and therefore it is unlikely to generate significant cumulative traffic impacts.	**Air Quality:** Dust mitigation measures outlined in the CEMP in Volume 5 of the EIAR and Chapter 16 Air Quality in Volume 3, Book 2 of this EIAR will mitigate potential cumulative dust impacts. Dust deposition monitoring on the proposed Project will confirm concentrations within guideline values.	**Air Quality:** Not Significant
		Climate: No significant cumulative effects predicted to occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate:** Not applicable	**Climate:** Not Significant
		Hydrology: No significant cumulative impacts predicted	**Hydrology:** Identification of suitable disposal licenced sites for demolition construction and demolition waste	**Hydrology:** Imperceptible
		Hydrogeology: No significant cumulative impacts predicted	**Hydrogeology:** Identification of suitable disposal licenced sites for demolition construction and demolition waste	**Hydrogeology:** Imperceptible
		Soils & Geology: Minimal below ground works proposed as part of airport building alteration works, cumulative impacts relating to soils and geology unlikely.	**Soils & Geology:** None	**Soils & Geology:** Negligible
		Land Take: None. The development is outside of, and not continuous with, the proposed Project land take boundaries.	**Land Take:** Not applicable	**Land Take:** None
		Infrastructure & Utilities: None. This application relates to an amendment to a previous application for an extension to the Immigration Hall at Terminal 1, Dublin	**Infrastructure & Utilities:** Not applicable	**Infrastructure & Utilities:** None

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Airport. No cumulative impacts are predicted to occur with respect to infrastructure and utilities.		
		Agronomy: None	**Agronomy:** Not applicable	**Agronomy:** None
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: No predicted cumulative impacts due to disturbed nature of development area.	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No cumulative impacts predicted.	**Architectural Heritage:** Not applicable	**Architectural Heritage:** None
		Landscape & Visual: No cumulative impacts predicted.	**Landscape & Visual:** Not applicable	**Landscape & Visual:** None
F21A/0255	Arora Dublin T2 Limited. Proposed 410-bedroom hotel connecting to the T2 Multi-Storey Car Park and changes to Skybridge House to replace a weather radome. Site north of T2 Multi-Storey Car Park and Skybridge House.	**Traffic & Transport:** Very close proximity to station site, if construction occurs concurrently then may be a significant impact on traffic flows and pedestrian safety. In Operational Phase, vehicle entrance to hotel may conflict with pedestrian movements to and from the office lands to the east of the terminals, no pedestrian crossing proposed to maintain movements across the vehicle exit point- Moderate negative	**Traffic & Transport:** Proposed mitigation will include requirements within the construction contracts to ensure both contractors liaise in relation to traffic management	**Traffic & Transport:** Slight Negative
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: Potential traffic and transport related disturbances and environmental impacts (e.g., noise, air quality - dust) that may arise as a result of the construction phase of this project may compound similar effects arising as a result of the proposed Project with negative, significant impacts on a short term basis anticipated for affected residents, workers or visitors. During operation there is potential for the vehicle entrance to a proposed hotel to conflict with pedestrian movements between the proposed Dublin Airport Station and the office lands to the east of terminals and Dublin Airport	**Population & Land-Use:** Implementation of mitigation measures referred to in Chapter 11 (Population & Land-Use) of the EIAR on air quality and airborne noise and vibration.	**Population & Land-Use:** Negative, not significant, short-term (construction) Negative, Moderate, Long-term (Operation).
		Electromagnetic Interference: No cumulative impacts predicted.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** None.
		Airborne Noise & Vibration: Potential for moderate cumulative noise and vibration impacts during the Construction Phase if both developments are under construction at the same time. Cumulative effects only affects small number of buildings within airport campus. There are no significant likely cumulative noise or vibration Operational Phase impacts.	**Airborne Noise & Vibration:** Construction noise and vibration mitigation measures and limit values outlined in the outline CEMP in Appendix A5.1 and Chapter 13 (Airborne Noise & Vibration) of the EIAR are designed to avoid significant impacts at closest sensitive locations to the proposed Project. Where concurrent works are occurring at same locations, mitigation measures will be required to ensure limit values are not exceeded from both projects	**Airborne Noise & Vibration:** Potential for cumulative Temporary, Moderate construction noise and vibration impacts depending on timing of works
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity: Potential for cumulative effects on downstream habitats arising from accidental pollution events during the construction or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss arising from extreme habitat degradation. Should the Construction Phases overlap there is potential for cumulative disturbance on fauna resulting in displacement from the locality	**Biodiversity**: Mitigation proposed in the EIAR and in the outline CEMP (Appendix A5.1) to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events. Mitigation proposed in this EIAR to reduce disturbance impacts on fauna species during construction and operation of the proposed Project will mitigate potential cumulative impacts on fauna species.	**Biodiversity:** Not significant
		Climate: No significant cumulative effects predicted to occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate:** Not applicable.	**Climate: Not Significant**.
		Air Quality: Potential for cumulative dust effects during Construction Phase depending on the timing of works.	**Air Quality:** Dust mitigation measures	**Air Quality:** Not significant

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Hydrology: No significant cumulative impacts envisaged other than potential for cumulative impact due to removal of any contaminated soils at the development sites.	**Hydrology:** Construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) and Chapter 20 (Soils & Geology) of the EIAR and outline CEMP (Appendix A5.1) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. In addition, specific mitigation measures will apply to the proposed development site including at the proposed temporary use compounds. Identification of suitable disposal licenced sites for potentially contaminated soil.	**Hydrology:** Imperceptible.
		Hydrogeology: No significant cumulative impacts envisaged other than potential for cumulative impact due to removal of any contaminated soils at the development sites.	**Hydrogeology:** Construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) and Chapter 20 (Soils & Geology) of the EIAR and outline CEMP (Appendix A5.1)with due cognisance of the hydraulic connectivity potential with shallow bedrock in the area as well as with downstream sensitive ecological habitats. In addition, specific mitigation measures will apply to the proposed development site including at the proposed temporary use compounds. Identification of suitable disposal licenced sites for contaminated soil.	**Hydrogeology:** Not significant/ Imperceptible.
		Soils & Geology: Development is adjacent to the proposed Dublin Airport Station. Potential for cumulative effects from alteration of source-pathway-receptor linkages relating to the infilled former quarry and from settlement.	**Soils & Geology:** Proposed mitigation could include negotiation to ensure works are not undertaken concurrently or potentially ground treatment to reduce settlement effects. Potential cumulative effects relating to ground contamination will need to be defined based on the extent and nature of the works.	**Soils & Geology:** Slight/Imperceptible
		Land Take: Potential for cumulative effect involving permanent land-take at Dublin Airport in vicinity of Dublin Airport Station. Both projects would be complementary to the function and purpose of Dublin Airport and therefore the cumulative land-take is considered Neutral, Not Significant.	**Land Take:** Proposed mitigation will include requirements within the construction contracts to ensure both contractors liaise in relation to construction management and traffic management.	**Land Take:** Not significant
		Infrastructure & Utilities: Should the Construction Phases overlap there is potential for cumulative disturbance if utility diversions are required as part of the Arora Dublin T2 Limited development.	**Infrastructure & Utilities:** All utility diversions and new connections will be agreed with the relevant service providers. Designs for utility diversions have already been agreed in principle with the relevant utility providers and design refinement will be subject to further consultation. The duration of any service outage will be finalised with the relevant utility providers.	**Infrastructure & Utilities:** Not significant
		Agronomy: No cumulative impacts predicted.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: No cumulative impacts predicted.	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No cumulative impacts predicted.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: potentially moderate/significant visual effects. This 12-storey hotel just south-east of Dublin Airport Station will be a significant addition to the existing varied agglomeration of Airport buildings which will form a backdrop to views from within the core of the Airport's Ground Transportation Centre, looking east and south-east. The proposed hotel will obstruct local views of the Airport Station from the entrance to the T2 terminal building.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** Moderate/Significant
3651/21	Cassidy's Hotel Limited. PROTECTED STRUCTURE: (No. 6 Cavendish Row is a Protected Structure, no works are proposed to No. 6 Cavendish Row). The development will consist of: a rear extension of 651.5 sqm.	**Traffic & Transport:** No significant cumulative impact predicted	**Traffic & Transport:** Not applicable.	**Traffic & Transport:** Not Significant.
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: This project is not of a scale that would be considered significant enough to create cumulative impact effects on population and land take, with the proposed Metrolink works.	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** None.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
	Cassidy's Hotel, Nos. 6,7 & 8 Cavendish Row and 9A Rutland Place, Dublin 1, D01 V3P6.	**Electromagnetic Interference:** No cumulative impacts predicted.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** None.
		Airborne Noise & Vibration: Projects sufficiently set back from each other such that no significant cumulative noise or vibration impacts are likely during the Construction Phase if both developments are under construction at the same time. There are no cumulative operational noise or vibration impacts.	**Airborne Noise & Vibration:** Not applicable.	**Airborne Noise & Vibration:** Not Significant.
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity: Potential for cumulative effects on downstream habitats arising from accidental pollution events during the construction or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss arising from extreme habitat degradation.	**Biodiversity**: Mitigation proposed in the EIAR and in the outline CEMP (Appendix A5.1) to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events.	**Biodiversity:** Not significant
		Climate: No significant cumulative effects predicted to occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate:** Not applicable.	**Climate: Not Significant**.
		Air Quality: Potential for cumulative dust effects during Construction Phase depending on the timing of works.	**Air Quality:** Dust mitigation measures	**Air Quality:** Not significant
		Hydrology: No significant cumulative impacts envisaged. However, potential for cumulative impact on nearby drainage channels and connection with the River Liffey to the south for example, due to accidental pollution event during the Construction Phase and hence potential impact on downstream habitats including Dublin Bay. Potential for cumulative impact due to removal of any contaminated soils at the site.	**Hydrology:** Mitigation proposed to protect surface water quality at identified receiving watercourses including the River Liffey during construction and operation of the proposed Project, will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) and outline CEMP (Appendix A5.1) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. In addition, specific mitigation measures will apply to the proposed development site. Identification of suitable disposal licenced sites for contaminated soil/waste material following guidelines in the outline CEMP (Appendix A5.1) and specific to proposed development site.	**Hydrology:** Imperceptible.
		Hydrogeology: No significant cumulative impacts. However, potential for cumulative impact due to accidental pollution/discharge to ground event during the construction and/or operation of this development on the River Liffey to the south and hence potential impact on downstream habitats as identified. Potential for cumulative impact due to removal of any contaminated/other soils at the development.	**Hydrogeology:** Mitigation proposed to protect local groundwater within development boundaries as well as surface water quality at nearby watercourses to same, during construction and operation of the proposed Project, will prevent groundwater and surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) and outline CEMP (Appendix A5.1) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. In addition, specific mitigation measures will apply to the proposed development site. Identification of suitable disposal licenced sites including for potentially contaminated soil.	**Hydrogeology**: Imperceptible.
		Soils & Geology: Cumulative impacts relating to soils and geology unlikely given distance from proposed Project, setting and nature of development	**Soils & Geology:** Not applicable.	**Soils & Geology:** Imperceptible.
		Land Take: None. The development is outside of, and not continuous with, the proposed Project land take boundaries.	**Land Take:** Not applicable	**Land Take:** None
		Infrastructure & Utilities: Should the Construction Phases overlap there is potential for cumulative disturbance if utility diversions are required as part of the development.	**Infrastructure & Utilities:** All utility diversions and new connections will be agreed with the relevant service providers. Designs for utility diversions have already been agreed in principle with the relevant utility providers and design refinement will be subject to further consultation. The duration of any service outage will be finalised with the relevant utility providers.	**Infrastructure & Utilities:** Not significant
		Agronomy: No cumulative impacts predicted.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Moderate adverse

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.		
		Archaeology & Cultural Heritage: Impacts to known and potential unknown archaeological deposits. Cumulative impact on archaeological heritage of Dublin but not considered significant.	**Archaeology & Cultural Heritage:** Proposed mitigation within this EIAR is sufficient to manage the cumulative impact	**Archaeology & Cultural Heritage:** Not significant
		Architectural Heritage: No cumulative impacts predicted.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: Development considered too small scale or too far from the proposed Project to create any likelihood of cumulative impacts.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** None.
F21A/0464	Certas Energy Ireland Limited. The development will consist of installation of a new 40,000L above ground fuel storage tank with associated piping, new above ground fill points the extension of the existing concrete slab and associated drainage including a new 10,000 class 1 separator.	**Traffic & Transport:** Potential increase in HGVS on T2 Departures Road.	**Traffic & Transport:** Proposed mitigation will include requirements within the construction contracts to ensure both contractors liaise in relation to traffic management	**Traffic & Transport:** Not Significant.
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: The construction of both projects may impact journey amenity of the population in this area should these developments be constructed concurrently.	**Population & Land-Use:** Traffic and transport mitigation measures, as outlined in Chapter 9 (Traffic and Transport) will be implemented during construction to reduce impact on population	**Population & Land-Use:** Not significant.
		Electromagnetic Interference: None.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** None.
		Airborne Noise & Vibration: Projects sufficiently set back from each other in addition to the nature and scale of the listed applications is such that no significant cumulative noise or vibration impacts are likely during the Construction Phase if both developments are under construction at the same time. There are no cumulative operational noise or vibration impacts.	**Airborne Noise & Vibration:** Not applicable.	**Airborne Noise & Vibration:** Not Significant.
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity: Potential for cumulative effects on downstream habitats arising from accidental pollution events during the construction or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss arising from extreme habitat degradation. Should the Construction Phases overlap there is potential for cumulative disturbance on fauna resulting in displacement from the locality	**Biodiversity**: Mitigation proposed in the EIAR and in the outline CEMP (Appendix A5.1) to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events. Mitigation proposed in this EIAR to reduce disturbance impacts on fauna species during construction and operation of the proposed Project will mitigate potential cumulative impacts on fauna species.	**Biodiversity:** Not significant
		Climate: No significant cumulative effects predicted to occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate:** Not applicable.	**Climate: Not Significant**.
		Air Quality: Due to distance from development there is no potential for significant impacts	**Air Quality:** Not applicable.	**Air Quality:** None.
		Hydrology: No significant cumulative impacts envisaged other than potential for cumulative impact due to removal of any contaminated soils at the development site.	**Hydrology:** Construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) and Chapter 20 (Soils & Geology) of the EIAR and outline CEMP (Appendix A5.1) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. In addition, specific mitigation measures will apply to the proposed development site. Identification of suitable disposal licenced sites for potentially contaminated soil.	**Hydrology:** Imperceptible.
		Hydrogeology: No significant cumulative impacts envisaged other than potential for cumulative impact due to removal of any contaminated soils at the development site.	**Hydrogeology:** Construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) and Chapter 20 (Soils & Geology) of the EIAR and outline CEMP (Appendix A5.1)with due cognisance of the hydraulic connectivity potential with shallow bedrock in the area as well as with downstream sensitive ecological habitats. In addition, specific mitigation measures will apply to the proposed development site. Identification of suitable disposal licenced sites for potentially contaminated soil.	**Hydrogeology:** Not significant/Imperceptible.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Soils & Geology: Cumulative impacts relating to soils and geology unlikely given distance from proposed Project, setting and nature of development	**Soils & Geology:** Not applicable.	**Soils & Geology:** Imperceptible.
		Land Take: None. The development is outside of, and not continuous with, the proposed Project land take boundaries.	**Land Take:** Not applicable	**Land Take:** None
		Infrastructure & Utilities: Given the distance of this development from the proposed Project no cumulative effects are predicted to occur with respect to infrastructure and utilities during construction or operation of this project.	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** None.
		Agronomy: No cumulative impacts predicted.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: No cumulative impacts predicted.	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No cumulative impacts predicted.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: Development considered too small scale or too far from the proposed Project to create any likelihood of cumulative impacts.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** None.
F20A/0636	CG Hotels Dublin Airport Limited. The proposed development shall consist of the construction of a 1-6 storey extension (over lower ground) to the existing Radisson Blu hotel.	**Traffic & Transport:** Potential increase in HGVS on T2 Departures Road.	**Traffic & Transport:** Proposed mitigation will include requirements within the construction contracts to ensure both contractors liaise in relation to traffic management	**Traffic & Transport:** Slight Negative
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: The construction of both projects may impact journey amenity of the population in this area should these developments be constructed concurrently.	**Population & Land-Use:** Traffic and transport mitigation measures, as outlined in Chapter 9 (Traffic and Transport) will be implemented during construction to reduce impact on population	**Population & Land-Use:** Not significant.
		Electromagnetic Interference: None.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** None.
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Airborne Noise & Vibration: Projects sufficiently set back from each other in addition to screening afforded by intervening structures is such that no significant cumulative noise or vibration impacts are likely during the Construction Phase if both developments are under construction at the same time. There are no cumulative operational noise or vibration impacts.	**Airborne Noise & Vibration:** Construction noise and vibration mitigation measures and limit values outlined in the outline CEMP in Appendix A5.1 and Chapter 13 (Airborne Noise & Vibration) of the EIAR are designed to avoid significant impacts at closest sensitive locations to the proposed Project. This will ensure cumulative noise and vibration impacts are avoided in this area	**Airborne Noise & Vibration:** Not Significant.
		Biodiversity: Potential for in-combination effects on habitats and species as a result of direct habitat loss arising from the construction of the proposed Project. Potential for in-combination effects on downstream habitats arising from accidental pollution events during the construction and/or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss from extreme habitat degradation.	**Biodiversity**: Mitigation proposed to minimise habitat loss and retain vegetation during the Construction Phase of the proposed Project will mitigate potential cumulative impacts on habitats and species. Mitigation proposed in the EIAR and in the outline CEMP (Appendix A5.1) to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events.	**Biodiversity:** Not significant
		Climate: No significant cumulative effects predicted to occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate:** Not applicable.	**Climate: Not Significant**.
		Air Quality: Due to distance from development there is no potential for significant impacts	**Air Quality:** Not applicable.	**Air Quality:** None.
		Hydrology: No significant cumulative impacts envisaged other than potential for cumulative impact due to removal of any contaminated soils at the development site.	**Hydrology:** Construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) and Chapter 20 (Soils & Geology) of the EIAR and outline CEMP (Appendix A5.1) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological	**Hydrology:** Imperceptible.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
			habitats. In addition, specific mitigation measures will apply to the proposed development site. Identification of suitable disposal licenced sites for potentially contaminated soil.	
		Hydrogeology: No significant cumulative impacts envisaged however potential for cumulative impact due to removal of any contaminated soils at the development site. Short-term dewatering effects possible for lower-level Construction Phase.	**Hydrogeology:** Construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) and Chapter 20 (Soils & Geology) of the EIAR and outline CEMP (Appendix A5.1)with due cognisance of the hydraulic connectivity potential with shallow bedrock in the area as well as with downstream sensitive ecological habitats. In addition, specific mitigation measures will apply to the proposed development site. Identification of suitable disposal licenced sites for potentially contaminated soil.	**Hydrogeology:** Not significant/Imperceptible.
		Soils & Geology: Cumulative impacts relating to soils and geology unlikely given distance from proposed Project, setting and nature of development.	**Soils & Geology:** Not applicable.	**Soils & Geology:** Imperceptible.
		Land Take: None. The development is outside of, and not continuous with, the proposed Project land take boundaries.	**Land Take:** Not applicable	**Land Take:** None
		Infrastructure & Utilities: Given the distance of this development from the proposed Project no cumulative effects are predicted to occur with respect to infrastructure and utilities during construction or operation of this project.	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** None.
		Agronomy: No cumulative impacts predicted.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: Impacts to known and potential unknown archaeological deposits. Cumulative impact on archaeological heritage of Dublin but not considered significant.	**Archaeology & Cultural Heritage:** Proposed mitigation within this EIAR is sufficient to manage the cumulative impact	**Archaeology & Cultural Heritage:** Not significant
		Architectural Heritage: No cumulative impacts predicted.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: imperceptible/slight. This is approx. 500m east of the Dublin Airport Station. The existing T2 multi-storey car park will most likely obstruct all views of this development from the Dublin Airport Station and its immediate environs.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** Imperceptible/Slight
F20A/0638	CG Hotels Dublin Airport Limited. The proposed development shall consist of a new standalone 8-12 -storey (over partial basement) hotel. Radisson Blu Hotel, Corballis Way / East Link Road, Dublin Airport, Swords.	**Traffic & Transport:** Potential increase in HGVS on T2 Departures Road.	**Traffic & Transport:** Proposed mitigation will include requirements within the construction contracts to ensure both contractors liaise in relation to traffic management	**Traffic & Transport:** Slight Negative
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: The construction of both projects may impact journey amenity of the population in this area should these developments be constructed concurrently.	**Population & Land-Use:** Traffic and transport mitigation measures, as outlined in Chapter 9 (Traffic and Transport) will be implemented during construction to reduce impact on population	**Population & Land-Use:** Not significant.
		Electromagnetic Interference: None.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** None.
		Airborne Noise & Vibration: Projects sufficiently set back from each other in addition to screening afforded by intervening structures is such that no significant cumulative noise or vibration impacts are likely during the Construction Phase if both developments are under construction at the same time. There are no cumulative operational noise or vibration impacts.	**Airborne Noise & Vibration:** Construction noise and vibration mitigation measures and limit values outlined in the outline CEMP in Appendix A5.1 and Chapter 13 (Airborne Noise & Vibration) of the EIAR are designed to avoid significant impacts at closest sensitive locations to the proposed Project. This will ensure cumulative noise and vibration impacts are avoided in this area	**Airborne Noise & Vibration:** Not Significant.
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity: Potential for in-combination effects on habitats and species as a result of direct habitat loss arising from the construction of the proposed Project. Potential for in-combination effects on downstream habitats arising from accidental pollution events during the construction and/or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss from extreme habitat degradation.	**Biodiversity**: Mitigation proposed to minimise habitat loss and retain vegetation during the Construction Phase of the proposed Project will mitigate potential cumulative impacts on habitats and species. Mitigation proposed in the EIAR and in the outline CEMP (Appendix A5.1) to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events.	**Biodiversity:** Not significant

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Climate: No significant cumulative effects predicted to occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate:** Not applicable.	**Climate:** Not Significant.
		Air Quality: Due to distance from development there is no potential for significant impacts	**Air Quality:** Not applicable.	**Air Quality:** None.
		Hydrology: No significant cumulative impacts envisaged other than potential for cumulative impact due to removal of any contaminated soils at the development site.	**Hydrology:** Construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) and Chapter 20 (Soils & Geology) of the EIAR and outline CEMP (Appendix A5.1) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. In addition, specific mitigation measures will apply to the proposed development site. Identification of suitable disposal licenced sites for potentially contaminated soil.	**Hydrology:** Imperceptible.
		Hydrogeology: No significant cumulative impacts envisaged however potential for cumulative impact due to removal of any contaminated soils at the development site. Short-term dewatering effects possible for basement extension construction. Potential for local reduction in recharge to ground.	**Hydrogeology:** Construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) and Chapter 20 (Soils & Geology) of the EIAR and outline CEMP (Appendix A5.1)with due cognisance of the hydraulic connectivity potential with shallow bedrock in the area as well as with downstream sensitive ecological habitats. In addition, specific mitigation measures will apply to the proposed development site. Identification of suitable disposal licenced sites for potentially contaminated soil. Recharge to ground where feasible as part of SuDS.	**Hydrogeology:** Not significant/Imperceptible.
		Soils & Geology: Cumulative impacts relating to soils and geology unlikely given distance from proposed Project, setting and nature of development	**Soils & Geology:** Not applicable.	**Soils & Geology:** Imperceptible.
		Land Take: None. The development is outside of, and not continuous with, the proposed Project land take boundaries.	**Land Take:** Not applicable	**Land Take:** None
		Infrastructure & Utilities: Given the distance of this development from the proposed Project no cumulative effects are predicted to occur with respect to infrastructure and utilities during construction or operation of this project.	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** None.
		Agronomy: No cumulative impacts predicted.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: Impacts to known and potential unknown archaeological deposits. Cumulative impact on archaeological heritage of Dublin but not considered significant.	**Archaeology & Cultural Heritage:** Proposed mitigation within this EIAR is sufficient to manage the cumulative impact	**Archaeology & Cultural Heritage:** Not significant
		Architectural Heritage: No cumulative impacts predicted.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: imperceptible/slight. This is approx. 500m east of Dublin Airport Station site. The existing T2 multi-storey car park will most likely obstruct all views of this development from Dublin Airport Station and its immediate environs.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** Imperceptible /Slight
3546/21	Charlemont Regeneration Limited. A building ranging in height from 6 to 7 storeys with a cumulative Gross Floor Area of 2,341m2. The development will consist of: Demolition of 2 no. existing structures (total GFA 195m2), Construction of a new building comprising; • 2 no. retail units; 22 no. apartment units at first-floor to seventh-floor level, a bin/plant room; and communal open space totalling	**Traffic & Transport:** Potential cumulative increase in HGVS/traffic flows on R111, Moderate Negative as this is a regional road of Medium sensitivity	**Traffic & Transport:** Proposed mitigation will include requirements within the construction contracts to ensure both contractors liaise in relation to traffic management	**Traffic & Transport:** Slight Negative
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: Environmental effects and traffic, transport effects arising as a result of this project may compound similar effects arising as a result of the proposed Project with negative, slight impacts on a short-term basis	**Population & Land-Use:** Implementation of mitigation measures referred to in Chapter 11 (Population & Land-Use) of the EIAR on air quality and airborne noise and vibration.	**Population & Land-Use:** Negative, not significant, short-term.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
	132m^2. All ancillary site works including site development including site clearance, drainage, and landscaping.	**Electromagnetic Interference:** None.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** None.
		Airborne Noise & Vibration: Projects sufficiently set back from each other in addition to screening afforded by intervening structures is such that no significant cumulative noise or vibration impacts are likely during the Construction Phase if both developments are under construction at the same time. There are no cumulative operational noise or vibration impacts.	**Airborne Noise & Vibration:** Construction noise and vibration mitigation measures and limit values outlined in the outline CEMP in Appendix A5.1 and Chapter 13 (Airborne Noise & Vibration) of the EIAR are designed to avoid significant impacts at closest sensitive locations to the proposed Project. This will ensure cumulative noise and vibration impacts are avoided in this area	**Airborne Noise & Vibration:** Not Significant.
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity: Potential for cumulative effects on downstream habitats arising from accidental pollution events during the construction or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss arising from extreme habitat degradation.	**Biodiversity**: Mitigation proposed in the EIAR and in the outline CEMP (Appendix A5.1) to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events.	**Biodiversity:** Not significant
		Climate: No significant cumulative effects predicted to occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate:** Not applicable.	**Climate:** Not Significant.
		Air Quality: Potential for cumulative dust effects due to track out during Construction Phase depending on the timing of works.	**Air Quality:** Dust mitigation measures	**Air Quality:** Not significant
		Hydrology: No significant cumulative impacts. However, potential for cumulative impact due to removal of any contaminated soils at the development. Application site is near stormwater/Grand Canal however drainage potential to nearby Grand Canal is unknown.	**Hydrology:** Construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) and Chapter 20 (Soils & Geology) of the EIAR and outline CEMP (Appendix A5.1) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. In addition, specific mitigation measures will apply to the proposed development site. Identification of suitable disposal licenced sites for any potentially contaminated soil.	**Hydrology:** Not significant/Imperceptible.
		Hydrogeology: No significant cumulative impacts. However, potential for cumulative impact due to accidental pollution/discharge to ground event during the construction and/or operation of this development on nearby stormwater systems with connection to watercourses (and where groundwater potentially discharges to nearby surface water features) and hence potential impact on downstream habitats as identified. Short-term dewatering effects possible for lower-level construction/basements. Potential for local reduction in recharge to ground. Potential for cumulative impact due to removal of any contaminated/other soils at the development.	**Hydrogeology:** Mitigation proposed to protect local groundwater within development boundaries as well as surface water quality at nearby watercourses to same, during construction and operation of the proposed Project, will prevent groundwater and surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within the Hydrogeology [and Geology] chapter and outline CEMP with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. In addition, specific mitigation measures will apply to the proposed development site. Recharge to ground where feasible as part of SuDS. Identification of suitable disposal licenced sites including for potentially contaminated soil.	**Hydrogeology:** Not significant/Imperceptible.
		Soils & Geology: Cumulative impacts relating to soils and geology unlikely given distance from proposed Project, setting and nature of development	**Soils & Geology:** Not applicable.	**Soils & Geology:** Imperceptible.
		Land Take: None. The development is outside of, and not continuous with, the proposed Project land take boundaries.	**Land Take:** Not applicable	**Land Take:** None
		Infrastructure & Utilities: Should the Construction Phases overlap there is potential for cumulative disturbance if utility diversions are required as part of the development.	**Infrastructure & Utilities:** All utility diversions and new connections will be agreed with the relevant service providers. Designs for utility diversions have already been agreed in principle with the relevant utility providers and design refinement will be subject to further consultation. The duration of any service outage will be finalised with the relevant utility providers.	**Infrastructure & Utilities:** Not significant
		Agronomy: No cumulative impacts predicted.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Archaeology & Cultural Heritage: Impacts to known and potential unknown archaeological deposits. Cumulative impact on archaeological heritage of Dublin but not considered significant.	**Archaeology & Cultural Heritage:** Proposed mitigation within this EIAR is sufficient to manage the cumulative impact	**Archaeology & Cultural Heritage:** Not significant
		Architectural Heritage: No cumulative impacts predicted.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: Development considered too small scale or too far from the proposed Project to create any likelihood of cumulative impacts.	**Landscape & Visual:**	**Landscape & Visual:**
3334/21	Deck Building Services DAC. Demolition of a single storey warehouse, construction of a three storey apartment building and all associated site works. 42/43, Blessington Street, Dublin 7, D07 N232 & D07 KP08 (with frontage to Blessington Lane).	**Traffic & Transport:** Potential cumulative impact on traffic flows/HGV volumes.	**Traffic & Transport:** Proposed mitigation will include requirements within the construction contracts to ensure both contractors liaise in relation to traffic management	**Traffic & Transport:** Slight Negative
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: Potential traffic and transport related disturbances and environmental impacts (e.g., noise, air quality - dust) that may arise as a result of the construction phase of this project may compound similar effects arising as a result of the proposed Project with negative, significant impacts on a short term basis anticipated for affected residents, workers or visitors.	**Population & Land-Use:** Implementation of mitigation measures referred to in Chapter 11 (Population & Land-Use) of the EIAR on air quality and airborne noise and vibration.	**Population & Land-Use:** Negative, not significant, short-term.
		Electromagnetic Interference: No cumulative impacts predicted.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** None.
		Airborne Noise & Vibration: Projects sufficiently set back from each other in addition to screening afforded by intervening structures is such that no significant cumulative noise or vibration impacts are likely during the Construction Phase if both developments are under construction at the same time. There are no cumulative operational noise or vibration impacts.	**Airborne Noise & Vibration:** Construction noise and vibration mitigation measures and limit values outlined in the outline CEMP in Appendix A5.1 and Chapter 13 (Airborne Noise & Vibration) of the EIAR are designed to avoid significant impacts at closest sensitive locations to the proposed Project. This will ensure cumulative noise and vibration impacts are avoided in this area	**Airborne Noise & Vibration:** Not Significant.
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity: Potential for cumulative effects on downstream habitats arising from accidental pollution events during the construction or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss arising from extreme habitat degradation. Should the Construction Phases overlap there is potential for cumulative disturbance on fauna resulting in displacement from the locality	**Biodiversity**: Mitigation proposed in the EIAR and in the outline CEMP (Appendix A5.1) to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events. Mitigation proposed in this EIAR to reduce disturbance impacts on fauna species during construction and operation of the proposed Project will mitigate potential cumulative impacts on fauna species.	**Biodiversity:** Not significant
		Climate: No significant cumulative effects predicted to occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate:** Not applicable.	**Climate:** Not Significant.
		Air Quality: Potential for cumulative dust effects during Construction Phase depending on the timing of works.	**Air Quality:** Dust mitigation measures	**Air Quality:** Not significant
		Hydrology: No significant cumulative impacts envisaged. However, potential for cumulative impact on nearby drainage channels and connection with the River Liffey to the south for example, due to accidental pollution event during the Construction Phase and hence potential impact on downstream habitats including Dublin Bay. Potential for cumulative impact due to removal of any contaminated soils at the site.	**Hydrology:** Mitigation proposed to protect surface water quality at identified receiving watercourses including the River Liffey during construction and operation of the proposed Project, will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) and outline CEMP (Appendix A5.1) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. In addition, specific mitigation measures will apply to the proposed development site. Identification of suitable disposal licenced sites for contaminated soil/waste material following guidelines in the outline CEMP (Appendix A5.1) and specific to proposed development site.	**Hydrology:** Imperceptible.
		Hydrogeology: No significant cumulative impacts. However, potential for cumulative impact due to accidental pollution/discharge to ground event during the construction	**Hydrogeology:** Mitigation proposed to protect local groundwater within development boundaries as well as surface water quality at nearby	**Hydrogeology:** Imperceptible.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		and/or operation of this development on the River Liffey to the south and hence potential impact on downstream habitats as identified. Potential for cumulative impact due to removal of any contaminated/other soils at the development.	watercourses to same, during construction and operation of the proposed Project, will prevent groundwater and surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) and outline CEMP (Appendix A5.1) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. In addition, specific mitigation measures will apply to the proposed development site. Identification of suitable disposal licenced sites including for potentially contaminated soil.	
		Soils & Geology: Cumulative impacts relating to soils and geology unlikely given distance from proposed Project, setting and nature of development	**Soils & Geology:** Not applicable.	**Soils & Geology:** Imperceptible.
		Land Take: None. The development is outside of, and not continuous with, the proposed Project land take boundaries.	**Land Take:** Not applicable	**Land Take:** None
		Infrastructure & Utilities: Should the Construction Phases overlap there is potential for cumulative disturbance if utility diversions are required as part of the development.	**Infrastructure & Utilities:** All utility diversions and new connections will be agreed with the relevant service providers. Designs for utility diversions have already been agreed in principle with the relevant utility providers and design refinement will be subject to further consultation. The duration of any service outage will be finalised with the relevant utility providers.	**Infrastructure & Utilities:** Not significant
		Agronomy: No cumulative impacts predicted.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: Impacts to known and potential unknown archaeological deposits. Cumulative impact on archaeological heritage of Dublin but not considered significant.	**Archaeology & Cultural Heritage:** Proposed mitigation within this EIAR is sufficient to manage the cumulative impact	**Archaeology & Cultural Heritage:** Not significant
		Architectural Heritage: No cumulative impacts predicted.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: Development considered too small scale or too far from the proposed Project to create any likelihood of cumulative impacts.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** None
4156/21	Dublin County Board. A two-storey extension to the existing single storey sports facility, with a gross floor area of 421.1 sq.m with associated site works. DCU Sports Grounds, Saint Clare's, Griffith Avenue, Dublin 9.	**Traffic & Transport:** Access from Ballymun Road, increase in traffic on R108, access could be impacted by lane closures etc. on R108 during Project's Construction Phase, Moderate Impact as R108 is a regional road of medium sensitivity	**Traffic & Transport:** Proposed mitigation will include requirements within the construction contracts to ensure both contractors liaise in relation to traffic management	**Traffic & Transport:** Slight Negative
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: The construction of both projects may impact journey amenity of the population in this area should these developments be constructed concurrently.	**Population & Land-Use:** Traffic and transport mitigation measures, as outlined in Chapter 9 (Traffic and Transport) will be implemented during construction to reduce impact on population	**Population & Land-Use:** Not significant.
		Electromagnetic Interference: None.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** None.
		Airborne Noise & Vibration: Projects sufficiently set back from each other in addition to screening afforded by intervening structures is such that no significant cumulative noise or vibration impacts will occur during the Construction Phase if both developments are under construction at the same time. There are no cumulative operational noise or vibration impacts.	**Airborne Noise & Vibration:** Construction noise and vibration mitigation measures and limit values outlined in the outline CEMP in Appendix A5.1 and Chapter 13 (Airborne Noise & Vibration) of the EIAR are designed to avoid significant impacts at closest sensitive locations to the proposed Project. This will ensure cumulative noise and vibration impacts are avoided in this area	**Airborne Noise & Vibration:** Not Significant.
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity: Potential for cumulative effects on downstream habitats arising from accidental pollution events during the construction or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss arising from extreme habitat degradation.	**Biodiversity**: Mitigation proposed in the EIAR and in the outline CEMP (Appendix A5.1) to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events.	**Biodiversity:** Not significant

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Climate: No significant cumulative effects predicted to occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate:** Not applicable.	**Climate:** Not Significant.
		Air Quality: Due to distance from development there is no potential for significant impacts	**Air Quality:** Not applicable.	**Air Quality:** None.
		Hydrology: No significant cumulative impacts envisaged. However, potential for cumulative impact on nearby drainage channels and connection with the Tolka River to the south for example, due to accidental pollution event during the Construction Phase and hence potential impact on downstream habitats including Dublin Bay. Potential for cumulative impact due to removal of any contaminated soils at the site.	**Hydrology:** Mitigation proposed to protect surface water quality at identified receiving watercourses including the Tolka River during construction and operation of the proposed Project, will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) and outline CEMP (Appendix A5.1) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. In addition, specific mitigation measures will apply to the proposed development site. Identification of suitable disposal licenced sites for contaminated soil/waste material following guidelines in the outline CEMP (Appendix A5.1) and specific to proposed development site.	**Hydrology:** Imperceptible.
		Hydrogeology: No significant cumulative impacts. However, potential for cumulative impact due to accidental pollution/discharge to ground event during the construction and/or operation of this development on nearby Tolka River watercourse (and where groundwater potentially discharges to nearby surface water features) and hence potential impact on downstream habitats as identified. Potential for cumulative impact due to removal of any contaminated/other soils at the development.	**Hydrogeology:** Mitigation proposed to protect local groundwater within development boundaries as well as surface water quality at nearby watercourses to same, during construction and operation of the proposed Project, will prevent groundwater and surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) and outline CEMP (Appendix A5.1) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. In addition, specific mitigation measures will apply to the proposed development site. Identification of suitable disposal licenced sites including for potentially contaminated soil.	**Hydrogeology:** Imperceptible.
		Soils & Geology: Cumulative impacts relating to soils and geology unlikely given distance from proposed Project, setting and nature of development	**Soils & Geology:** Not applicable.	**Soils & Geology:** Imperceptible.
		Land Take: None. The development is outside of, and not continuous with, the proposed Project land take boundaries.	**Land Take:** Not applicable	**Land Take:** None
		Infrastructure & Utilities: No cumulative impacts predicted.	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** None.
		Agronomy: No cumulative impacts predicted.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: No cumulative impacts predicted.	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No cumulative impacts predicted.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: Development considered too small scale or too far from the proposed Project to create any likelihood of cumulative impacts.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** None.
F21A/0551	Gunn Lennon Fabrication Limited. The construction of a light industrial manufacturing unit of gfa 2,922 sqm (including 646 sqm ancillary 3 storey offices), storage and yard space to rear of the building, 25 No. car parking, 37	**Traffic & Transport:** Impact on traffic flows on Seatown Road east, impact of works on Seatown Junction	**Traffic & Transport:** Proposed mitigation will include requirements within the construction contracts to ensure both contractors liaise in relation to traffic management	**Traffic & Transport:** Slight Negative
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
	No. bicycle parking provision of signage zones, landscaping & planting, boundary treatment security fencing and associated site services & development works on GFL site. GFL site South of Unit 2, Swords Business Park (Mountgorry), Swords.	**Population & Land-Use:** The construction of both projects may impact journey amenity of the population in this area should these developments be constructed concurrently.	**Population & Land-Use:** Traffic and transport mitigation measures, as outlined in Chapter 9 (Traffic and Transport) will be implemented during construction to reduce impact on population	**Population & Land-Use:** Not significant.
		Electromagnetic Interference: None.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** None.
		Airborne Noise & Vibration: Potential for slight to minor cumulative noise and vibration impacts during the Construction Phase if both developments are under construction at the same time. Cumulative effects only likely to occur during excavation or foundation stages of adjacent site development. There are no significant likely cumulative noise or vibration Operational Phase impacts.	**Airborne Noise & Vibration:** Construction noise and vibration mitigation measures and limit values outlined in the outline CEMP in Appendix A5.1 and Chapter 13 (Airborne Noise & Vibration) of the EIAR are designed to avoid significant impacts at closest sensitive locations to the proposed Project. This will ensure cumulative noise and vibration impacts are avoided in this area.	**Airborne Noise & Vibration:** Not Significant.
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity: Potential for in-combination effects on habitats and species as a result of direct habitat loss arising from the construction of the proposed Project. Potential for in-combination effects on downstream habitats arising from accidental pollution events during the construction and/or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss from extreme habitat degradation.	**Biodiversity**: Mitigation proposed to minimise habitat loss and retain vegetation during the Construction Phase of the proposed Project will mitigate potential cumulative impacts on habitats and species. Mitigation proposed in the EIAR and in the outline CEMP (Appendix A5.1) to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events.	**Biodiversity:** Not significant
		Climate: No significant cumulative effects predicted to occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate:** Not applicable.	**Climate:** Not Significant.
		Air Quality: Due to distance from development there is no potential for significant impacts	**Air Quality:** Not applicable.	**Air Quality:** None.
		Hydrology: No significant cumulative impacts envisaged. However, potential for cumulative impact on nearby drainage channels and connection with the Greenfields Stream to the north for example, due to accidental pollution event during the Construction Phase and hence potential impact on downstream habitats including Malahide Estuary. Potential for cumulative impact due to removal of any contaminated soils at the site.	**Hydrology:** Mitigation proposed to protect surface water quality at identified receiving watercourses during construction and operation of the proposed Project, will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) and outline CEMP (Appendix A5.1) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. In addition, specific mitigation measures will apply to the proposed development site. Identification of suitable disposal licenced sites for contaminated soil/waste material following guidelines in the outline CEMP (Appendix A5.1) and specific to proposed development site.	**Hydrology:** Imperceptible.
		Hydrogeology: No significant cumulative impacts. However, potential for cumulative impact due to accidental pollution/discharge to ground event during the construction and/or operation of this development on Greenfields Stream/Malahide Estuary to the north (and where groundwater potentially discharges to nearby surface water features) and hence potential impact on downstream habitats as identified. Potential for local reduction in recharge to ground. Potential for cumulative impact due to removal of any contaminated/other soils at the development.	**Hydrogeology:** Mitigation proposed to protect local groundwater within development boundaries as well as surface water quality at nearby watercourses to same, during construction and operation of the proposed Project, will prevent groundwater and surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) and outline CEMP (Appendix A5.1) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. In addition, specific mitigation measures will apply to the proposed development site. Recharge to ground where feasible as part of SuDS. Identification of suitable disposal licenced sites including for potentially contaminated soil.	**Hydrogeology:** Imperceptible.
		Soils & Geology: Cumulative impacts relating to soils and geology unlikely given distance from proposed Project, setting and nature of development	**Soils & Geology:** Not applicable.	**Soils & Geology:** Imperceptible.
		Land Take: None. The development is outside of, and not continuous with, the proposed Project land take boundaries.	**Land Take:** Not applicable	**Land Take:** None

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Infrastructure & Utilities: Given the distance of this development from the proposed Project no cumulative effects are predicted to occur with respect to infrastructure and utilities during construction or operation of this project.	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** None.
		Agronomy: None.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: Impacts to known and potential unknown archaeological deposits. Cumulative impact on archaeological heritage of Dublin but not considered significant.	**Archaeology & Cultural Heritage:** Proposed mitigation within this EIAR is sufficient to manage the cumulative impact	**Archaeology & Cultural Heritage:** Not significant
		Architectural Heritage: None.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: Development considered too small scale or too far from the proposed Project to create any likelihood of cumulative impacts.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** None.
3622/21	Irish Life Assurance plc. Planning permission for development at the Irish Life Centre The proposed development comprises an overall increase in floorspace of c. 6686m2 (from c. 21,330m2 to c.28 016m2). Blocks 3A and 3B of the Irish Life Centre (and their associated garden areas) at the Irish Life Centre, 1 Abbey Street Lower, Dublin 1, D01 PK03.	**Traffic & Transport:** No significant cumulative impact predicted, potential increase in HGVS routing to and from M1	**Traffic & Transport:** Not applicable.	**Traffic & Transport:** Not Significant.
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: Environmental effects and traffic, transport effects arising as a result of this project may compound similar effects arising as a result of the proposed Project with negative, slight impacts on a short-term basis	**Population & Land-Use:** Implementation of mitigation measures referred to in Chapter 11 (Population & Land-Use) of the EIAR on air quality and airborne noise and vibration.	**Population & Land-Use:** Negative, not significant, short-term.
		Electromagnetic Interference: None.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** None.
		Airborne Noise & Vibration: Potential for slight to minor cumulative noise and vibration impacts during the Construction Phase if both developments are under construction at the same time. There are no significant likely cumulative noise or vibration Operational Phase impacts.	**Airborne Noise & Vibration:** Construction noise and vibration mitigation measures and limit values outlined in the outline CEMP in Appendix A5.1 and Chapter 13 (Airborne Noise & Vibration) of the EIAR are designed to avoid significant impacts at closest sensitive locations to the proposed Project. This will ensure cumulative noise and vibration impacts are avoided in this area.	**Airborne Noise & Vibration:** Not Significant.
		Groundborne Noise & Vibration Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity: Potential for cumulative effects on downstream habitats arising from accidental pollution events during the construction or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss arising from extreme habitat degradation.	**Biodiversity**: Mitigation proposed in the EIAR and in the outline CEMP (Appendix A5.1) to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events.	**Biodiversity:** Not significant
		Climate: No significant cumulative effects predicted to occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate:** Not applicable.	**Climate:** Not Significant.
		Air Quality: Potential for cumulative dust effects during Construction Phase depending on the timing of works.	**Air Quality:** Dust mitigation measures	**Air Quality:** Not significant
		Hydrology: No significant cumulative impacts. However, potential for cumulative impact on nearby drainage channels and connection with the River Liffey to the south for example, due to accidental pollution event during the construction/upgrade phase and hence potential impact on downstream habitats including Dublin Bay.	**Hydrology:** Mitigation proposed to protect surface water quality at identified receiving watercourses including the River Liffey during construction and operation of the proposed Project, will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) and outline CEMP (Appendix A5.1) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. In addition, specific mitigation measures will apply to the proposed development site.	**Hydrology:** Imperceptible.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Hydrogeology: No significant cumulative impacts. However, potential for cumulative impact due to accidental pollution/discharge to ground event during the construction and/or operation of this development on stormwater system to nearby watercourse(s) including the River Liffey to the south and hence potential impact on downstream habitats as identified. Potential for cumulative impact due to removal of any contaminated/other soils at the development.	**Hydrogeology:** Mitigation proposed to protect local groundwater within development boundaries as well as surface water quality at nearby watercourses to same, during construction and operation of the proposed Project, will prevent groundwater and surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) and outline CEMP (Appendix A5.1) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats (South Dublin Bay SAC). In addition, specific mitigation measures will apply to the proposed development site. Identification of suitable disposal licenced sites including for potentially contaminated soil.	**Hydrogeology:** Imperceptible.
		Soils & Geology: Cumulative impacts relating to soils and geology unlikely given distance from proposed Project, setting and nature of development	**Soils & Geology:** Not applicable.	**Soils & Geology:** Imperceptible.
		Land Take: None. The project is outside of the proposed Project permanent and temporary land-take boundaries.	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: Given the distance of this development from the proposed Project no cumulative effects are predicted to occur with respect to infrastructure and utilities during construction or operation of this project.	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** None.
		Agronomy: None.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: None.	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: None.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: Development considered too small scale or too far from the proposed Project to create any likelihood of cumulative impacts.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** None.
F22A/0012	JOM Investments Unlimited Company. An extension to the rear of Unit C4 with a total floor area of 196 sq.m and all associated site works. Unit C4, Gulliver's Retail Park, Northwood Avenue, Santry, Dublin 9.	**Traffic & Transport:** Increase in traffic flows/HGVs at Gulliver's Retail Park and R108/Northwood Avenue.	**Traffic & Transport:** Proposed mitigation will include requirements within the construction contracts to ensure both contractors liaise in relation to traffic management	**Traffic & Transport:** Not Significant.
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: The construction of both projects may impact journey amenity of the population in this area should these developments be constructed concurrently.	**Population & Land-Use:** Traffic and transport mitigation measures, as outlined in Chapter 9 (Traffic and Transport) will be implemented during construction to reduce impact on population	**Population & Land-Use:** Not significant.
		Electromagnetic Interference: None.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** None.
		Airborne Noise & Vibration: Projects sufficiently set back from each other in addition to the nature and scale of the listed applications is such that no significant cumulative noise or vibration impacts are likely during the Construction Phase if both developments are under construction at the same time. There are no cumulative operational noise or vibration impacts.	**Airborne Noise & Vibration:** Not applicable.	**Airborne Noise & Vibration:** Not Significant.
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site.	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity: Potential for cumulative effects on downstream habitats arising from accidental pollution events during the construction or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss arising from extreme habitat degradation.	**Biodiversity**: Mitigation proposed in the EIAR and in the outline CEMP (Appendix A5.1) to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events.	**Biodiversity:** Not significant

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Should the Construction Phases overlap there is potential for cumulative disturbance on fauna resulting in displacement from the locality	Mitigation proposed in this EIAR to reduce disturbance impacts on fauna species during construction and operation of the proposed Project will mitigate potential cumulative impacts on fauna species.	
		Climate: No significant cumulative effects predicted to occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate:** Not applicable.	**Climate:** Not Significant.
		Air Quality: Potential for cumulative dust effects during Construction Phase depending on the timing of works.	**Air Quality:** Dust mitigation measures	**Air Quality:** Not significant
		Hydrology: No significant cumulative impacts. However, potential for cumulative impact on nearby drainage channels and connection with the Santry to the immediate north for example, due to accidental pollution event during the construction/extension phase and hence potential impact on downstream habitats including North Bull Island SPA.	**Hydrology:** Mitigation proposed to protect surface water quality at identified receiving watercourses including the Santry River during construction and operation of the proposed Project, will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) and outline CEMP (Appendix A5.1) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. In addition, specific mitigation measures will apply to the proposed development site.	**Hydrology:** Imperceptible.
		Hydrogeology: No significant cumulative impacts. However, potential for cumulative impact due to accidental pollution/discharge to ground event during the construction and/or operation of this development on stormwater system to nearby watercourse(s) including the Santry River to the immediate north and hence potential impact on downstream habitats as identified. Potential for cumulative impact due to removal of any contaminated/other soils at the development.	**Hydrogeology:** Mitigation proposed to protect local groundwater within development boundaries as well as surface water quality at nearby watercourses to same, during construction and operation of the proposed Project, will prevent groundwater and surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) and outline CEMP (Appendix A5.1) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. In addition, specific mitigation measures will apply to the proposed development site. Identification of suitable disposal licenced sites including for potentially contaminated soil.	**Hydrogeology:** Imperceptible.
		Soils & Geology: Cumulative impacts relating to soils and geology unlikely given distance from proposed Project, setting and nature of development	**Soils & Geology:** Not applicable.	**Soils & Geology:** Imperceptible.
		Land Take: None. The development is outside of, and not continuous with, the proposed Project land take boundaries.	**Land Take:** Not applicable	**Land Take:** None
		Infrastructure & Utilities: Should the Construction Phases overlap there is potential for cumulative disturbance if utility diversions are required as part of the development.	**Infrastructure & Utilities:** All utility diversions and new connections will be agreed with the relevant service providers. Designs for utility diversions have already been agreed in principle with the relevant utility providers and design refinement will be subject to further consultation. The duration of any service outage will be finalised with the relevant utility providers.	**Infrastructure & Utilities:** Not significant
		Agronomy: None.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: None.	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: None.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: Development considered too small scale or too far from the proposed Project to create any likelihood of cumulative impacts.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** None.
3288/21	National Council for the Blind of Ireland.	**Traffic & Transport:** Potential increase in HGVs and traffic flows, proximity to N1 which is used as a haul route for the Project, Moderate Negative as N1 is a national road of Medium Sensitivity	**Traffic & Transport:** Proposed mitigation will include requirements within the construction contracts to ensure both contractors liaise in relation to traffic management	**Traffic & Transport:** Slight Negative

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
	PROTECTED STRUCTURE: Planning permission to construct a single storey building for gym use with glazed link corridor to the eastern side of the existing training building and all associated site works on the northern side of the existing site of P.V. Doyle House, Whitworth Road, Drumcondra, Dublin 9.	**Human Health:** Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: The construction of both projects may impact journey amenity of the population in this area should these developments be constructed concurrently.	**Population & Land-Use:** Traffic and transport mitigation measures, as outlined in Chapter 9 (Traffic and Transport) will be implemented during construction to reduce impact on population	**Population & Land-Use:** Not significant.
		Electromagnetic Interference: None.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** None.
		Airborne Noise & Vibration: Projects sufficiently set back from each other in addition to the nature and scale of the listed applications is such that no significant cumulative noise or vibration impacts are likely during the Construction Phase if both developments are under construction at the same time. There are no cumulative operational noise or vibration impacts.	**Airborne Noise & Vibration:** Not applicable.	**Airborne Noise & Vibration:** None
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity: Potential for cumulative effects on downstream habitats arising from accidental pollution events during the construction or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss arising from extreme habitat degradation.	**Biodiversity**: Mitigation proposed in the EIAR and in the outline CEMP (Appendix A5.1) to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events.	**Biodiversity:** Not significant
		Climate: No significant cumulative effects predicted to occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate:** Not applicable.	**Climate:** Not Significant.
		Air Quality: Due to distance from development there is no potential for significant impacts	**Air Quality:** Not applicable.	**Air Quality:** None.
		Hydrology: No significant cumulative impacts. However, potential for cumulative impact due to removal of any contaminated soils at the development as part of foundation laying. Application site is near stormwater system that may feed into Tolka River to the north.	**Hydrology:** Construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) and Chapter 20 (Soils & Geology) of the EIAR and outline CEMP (Appendix A5.1) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. In addition, specific mitigation measures will apply to the proposed development site. Identification of suitable disposal licenced sites for any potentially contaminated soil.	**Hydrology:** Imperceptible.
		Hydrogeology: No significant cumulative impacts. However, potential for cumulative impact due to accidental pollution/discharge to ground event during the construction and/or operation of this development on stormwater system to nearby watercourse(s) including the Tolka River to the north and hence potential impact on downstream habitats as identified. Potential for cumulative impact due to removal of any contaminated/other soils at the development.	**Hydrogeology:** Mitigation proposed to protect local groundwater within development boundaries as well as surface water quality at nearby watercourses to same, during construction and operation of the proposed Project, will prevent groundwater and surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) and outline CEMP (Appendix A5.1) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. In addition, specific mitigation measures will apply to the proposed development site. Identification of suitable disposal licenced sites including for potentially contaminated soil.	**Hydrogeology:** Imperceptible.
		Soils & Geology: Cumulative impacts relating to soils and geology unlikely given distance from proposed Project, setting and nature of development	**Soils & Geology:** Not applicable.	**Soils & Geology:** Imperceptible.
		Land Take: None. The project is outside of the proposed Project permanent and temporary land-take boundaries.	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: Given the distance of this development from the proposed Project no cumulative effects are predicted to occur with respect to infrastructure and utilities during construction or operation of this project.	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** None.
		Agronomy: None.	**Agronomy:** Not applicable.	**Agronomy:** None.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: Impacts to known and potential unknown archaeological deposits. Cumulative impact on archaeological heritage of Dublin but not considered significant.	**Archaeology & Cultural Heritage:** Proposed mitigation within this EIAR is sufficient to manage the cumulative impact	**Archaeology & Cultural Heritage:** Not significant
		Architectural Heritage: None.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: Development considered too small scale or too far from the proposed Project to create any likelihood of cumulative impacts.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** None.
F21A/0100	October Management Limited. A new link road from the roundabout to the south of Lakeshore Drive, Crowcastle, Swords, Co Dublin that will be constructed to a length of approximately 290m. The road will incorporate lighting, drainage, footpaths and cycle tracks.	**Traffic & Transport:** Potential Moderate impact of R125/Pinnockhill Works in Construction Phase. In Operational Phase there will be increased volume of pedestrians in this area using the signalised junction to access the station, may conflict with increased traffic to and from link road.	**Traffic & Transport:** Proposed mitigation will include requirements within the construction contracts to ensure both contractors liaise in relation to traffic management.	**Traffic & Transport:** Slight Negative
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: The construction of both projects may impact journey amenity of the population in this area should these developments be constructed concurrently.	**Population & Land-Use:** Traffic and transport mitigation measures, as outlined in Chapter 9 (Traffic and Transport) will be implemented during construction to reduce impact on population	**Population & Land-Use:** Not significant.
		Electromagnetic Interference: None.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** None.
		Airborne Noise & Vibration: Potential for slight to minor cumulative noise and vibration impacts during the Construction Phase if both developments are under construction at the same time. There are no significant likely cumulative noise or vibration Operational Phase impacts.	**Airborne Noise & Vibration:** Construction noise and vibration mitigation measures and limit values outlined in the outline CEMP in Appendix A5.1 and Chapter 13 (Airborne Noise & Vibration) of the EIAR are designed to avoid significant impacts at closest sensitive locations to the proposed Project. This will ensure cumulative noise and vibration impacts are avoided in this area.	**Airborne Noise & Vibration:** Not Significant.
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity: Potential for in-combination effects on habitats and species as a result of direct habitat loss arising from the construction of the proposed Project. Potential for in-combination effects on downstream habitats arising from an accidental pollution event during the construction and/or operation of this development. Accidental pollution events could result in habitat degradation, and habitat loss arising from extreme habitat degradation. Should the Construction Phases overlap there is potential for in-combination disturbance on fauna resulting in displacement from the locality. Increased disturbance effects arising from the operational stages may act cumulatively to permanently displace fauna from the locality. There is potential for in-combination mortality effects on fauna species arising from collision/electrocution risk with vehicles/trains/overhead wires during the Operational Phases. There is potential for in-combination habitat severance/barrier effects on fauna arising from the construction and operation of new infrastructure developments.	**Biodiversity**: Mitigation proposed in Chapter 15 (Biodiversity) to minimise habitat loss and retain vegetation during the Construction Phase of the proposed Project will mitigate potential cumulative impacts on habitats and species. Nonetheless, the effects of habitat loss will remain significant at the local geographic scale for the habitats depositing / lowland rivers (FW2), drainage ditches (FW4), species-rich dry calcareous grassland (GS1), wet grassland (GS4), (mixed) broadleaved woodland (WD1), mixed conifer woodland (WD3), scattered trees and parkland (WD5), hedgerows (WL1), treelines (WL2) and immature woodland (WS2), and for the breeding bird species yellowhammer. Mitigation proposed to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events Mitigation proposed to reduce disturbance impacts on fauna species during construction and operation of the proposed Project will mitigate potential cumulative impacts on fauna species. Fauna species in the locality may become habituated to a higher baseline level of disturbance during the Operational Phase although some species (i.e., breeding birds) may be permanently displaced from habitats immediately surrounding these developments. Mitigation proposed to reduce mortality of fauna species during construction and operation of the proposed Project will mitigate potential cumulative impacts on fauna species. Mitigation proposed to reduce habitat severance/barrier effects on fauna species during construction and operation of the proposed Project will mitigate potential cumulative impacts on fauna species.	**Biodiversity:** Habitat loss: Significant at the local geographic scale and permanent. Surface water: Not significant Disturbance: Not significant Mortality: Not significant Habitat severance/barrier effects:

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		Climate: No significant cumulative effects predicted to occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate:** Not applicable.	**Climate:** Not Significant.
		Air Quality: Due to distance from development there is no potential for significant impacts	**Air Quality:** Not applicable.	**Air Quality:** None.
		Hydrology: No significant cumulative impacts. However, potential for cumulative impact due to removal of any contaminated soils as part of the road development. Application site is near stormwater discharges to tributaries of Gaybrook watercourse feeding into Malahide Estuary SAC.	**Hydrology:** Construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) and Chapter 20 (Soils & Geology) of the EIAR and outline CEMP (Appendix A5.1) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. In addition, specific mitigation measures will apply to the proposed development site (NIS applicable). Identification of suitable disposal licenced sites for any potentially contaminated soil.	**Hydrology:** Imperceptible.
		Hydrogeology: No significant cumulative impacts. However, potential for cumulative impact due to accidental pollution/discharge to ground event during the construction and/or operation of the link road development potentially on downstream Gaybrook watercourse (and where groundwater potentially discharges to nearby surface water features) and hence potential impact on downstream habitats as identified including nearby Malahide Estuary SAC Potential for local reduction in recharge to ground. Potential for cumulative impact due to removal of any contaminated/other soils along the footprint of the proposed link road.	**Hydrogeology:** Mitigation proposed to protect local groundwater within development boundaries as well as surface water quality at nearby watercourses to same, during construction and operation of the proposed Project, will prevent groundwater and surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) and outline CEMP (Appendix A5.1) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats as identified. In addition, specific mitigation measures will apply to the proposed development site. Recharge to ground where feasible as part of SuDS. Identification of suitable disposal licenced sites including for potentially contaminated soils.	**Hydrogeology:** Imperceptible.
		Soils & Geology: Cumulative impacts relating to soils and geology unlikely given distance from proposed Project, setting and nature of development	**Soils & Geology:** Not applicable.	**Soils & Geology:** Imperceptible.
		Land Take: None. The development is outside of, and not continuous with, the proposed Project land take boundaries.	**Land Take:** Not applicable	**Land Take:** None
		Infrastructure & Utilities: None	**Infrastructure & Utilities:** Not applicable	**Infrastructure & Utilities:** None
		Agronomy: None.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: Impacts to known and potential unknown archaeological deposits. Cumulative impact on archaeological heritage of Dublin but not considered significant.	**Archaeology & Cultural Heritage:** Proposed mitigation within this EIAR is sufficient to manage the cumulative impact	**Archaeology & Cultural Heritage:** Not significant
		Architectural Heritage:	**Architectural Heritage:**	**Architectural Heritage:**
		Landscape & Visual: Development considered too small scale or too far from the proposed Project to create any likelihood of cumulative impacts.	**Landscape & Visual:**	**Landscape & Visual:**
F21A/0563	Port Side Investments Limited. Amendment to previously permitted development F20A/0023 (An Bord Pleanala ABP-309158-21). Two additional buildings to be constructed totalling 1,380 sq.m.	**Traffic & Transport:** Impact on traffic flows on R125, Slight Negative	**Traffic & Transport:** Proposed mitigation will include requirements within the construction contracts to ensure both contractors liaise in relation to traffic management	**Traffic & Transport:** Slight Negative
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Population & Land-Use: The construction of both projects may impact journey amenity of the population in this area should these developments be constructed concurrently.	**Population & Land-Use:** Traffic and transport mitigation measures, as outlined in Chapter 9 (Traffic and Transport) will be implemented during construction to reduce impact on population	**Population & Land-Use:** Not significant.
		Electromagnetic Interference: None.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** None.
		Airborne Noise & Vibration: Projects sufficiently set back from each other is such that no significant cumulative noise or vibration impacts will occur during the Construction Phase if both developments are under construction at the same time. There are no cumulative operational noise or vibration impacts.	**Airborne Noise & Vibration:** Not applicable.	**Airborne Noise & Vibration:** None
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity: Potential for cumulative effects on downstream habitats arising from accidental pollution events during the construction or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss arising from extreme habitat degradation.	**Biodiversity**: Mitigation proposed in the EIAR and in the outline CEMP (Appendix A5.1) to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events.	**Biodiversity:** Not significant
		Climate: No significant cumulative effects predicted to occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate:** Not applicable.	**Climate:** Not Significant.
		Air Quality: Due to distance from development there is no potential for significant impacts	**Air Quality:** Not applicable.	**Air Quality:** None.
		Hydrology: No significant cumulative impacts. However, potential for cumulative impact due to removal of any contaminated soils as part of the development. Application site is near stormwater discharges to tributaries of Gaybrook watercourse feeding into Malahide Estuary SAC.	**Hydrology:** Construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) and Chapter 20 (Soils & Geology) of the EIAR and outline CEMP (Appendix A5.1) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. In addition, specific mitigation measures will apply to the proposed development site. Identification of suitable disposal licenced sites for any potentially contaminated soil.	**Hydrology:** Imperceptible.
		Hydrogeology: No significant cumulative impacts. However, potential for cumulative impact due to accidental pollution/discharge to ground event during the construction and/or operation of the development potentially on downstream Gaybrook watercourse (and where groundwater potentially discharges to nearby surface water features) and hence potential impact on downstream habitats as identified including nearby Malahide Estuary SAC Potential for local reduction in recharge to ground. Potential for cumulative impact due to removal of any contaminated/other soils.	**Hydrogeology:** Mitigation proposed to protect local groundwater within development boundaries as well as surface water quality at nearby watercourses to same, during construction and operation of the proposed Project, will prevent groundwater and surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) and outline CEMP (Appendix A5.1) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats as identified. In addition, specific mitigation measures will apply to the proposed development site. Recharge to ground where feasible as part of SuDS. Identification of suitable disposal licenced sites including for potentially contaminated soils.	**Hydrogeology:** Imperceptible.
		Soils & Geology: Cumulative impacts relating to soils and geology unlikely given distance from proposed Project, setting and nature of development	**Soils & Geology:** Not applicable.	**Soils & Geology:** Imperceptible.
		Land Take: None. The development is outside of, and not continuous with, the proposed Project land take boundaries.	**Land Take:** Not applicable	**Land Take:** None
		Infrastructure & Utilities: Given the distance of this development from the proposed Project no cumulative effects are predicted to occur with respect to infrastructure and utilities during construction or operation of this project.	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** None.
		Agronomy: None.	**Agronomy:** Not applicable.	**Agronomy:** None.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: None.	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: None.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: Development considered too small scale or too far from the proposed Project to create any likelihood of cumulative impacts.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** None.
3543/21	Private Landowner. PROTECTED STRUCTURE: The development will consist of: the demolition of the existing shed structure on the site, the construction of 1 no. detached two-storey three bedroom mews house (165 sqm) and all associated landscaping and drainage works. 52A Western Way Dublin 7, D07KV22 (rear of 52 Mountjoy Street).	**Traffic & Transport:** Impact on traffic flows/HGV routing on N1, Moderate Negative	**Traffic & Transport:** Proposed mitigation will include requirements within the construction contracts to ensure both contractors liaise in relation to traffic management	**Traffic & Transport:** Slight Negative
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: This project is not a scale that would be considered significant enough to create cumulative impact effects on population and land take, with the proposed Metrolink works.	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** None.
		Electromagnetic Interference: None.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** None.
		Airborne Noise & Vibration: Projects sufficiently set back from each other in addition to the nature and scale of the listed applications is such that no significant cumulative noise or vibration impacts are likely during the Construction Phase if both developments are under construction at the same time. There are no cumulative operational noise or vibration impacts.	**Airborne Noise & Vibration:** Not applicable.	**Airborne Noise & Vibration:** None
		Groundborne Noise & Vibration: N Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity: Potential for cumulative effects on downstream habitats arising from accidental pollution events during the construction or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss arising from extreme habitat degradation.	**Biodiversity**: Mitigation proposed in the EIAR and in the outline CEMP (Appendix A5.1) to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events.	**Biodiversity:** Not significant
		Climate: No significant cumulative effects predicted to occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate:** Not applicable.	**Climate:** Not Significant.
		Air Quality: Potential for cumulative dust effects due to track out during Construction Phase depending on the timing of works.	**Air Quality:** Dust mitigation measures	**Air Quality:** Not significant
		Hydrology: No significant cumulative impacts envisaged. However, potential for cumulative impact on nearby drainage channels and connection with the River Liffey to the south for example, due to accidental pollution event during the Construction Phase and hence potential impact on downstream habitats including Dublin Bay. Potential for cumulative impact due to removal of any contaminated soils at the site.	**Hydrology:** Mitigation proposed to protect surface water quality at identified receiving watercourses including the River Liffey during construction and operation of the proposed Project, will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) and outline CEMP (Appendix A5.1) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. In addition, specific mitigation measures will apply to the proposed development site. Identification of suitable disposal licenced sites for contaminated soil/waste material following guidelines in the outline CEMP (Appendix A5.1) and specific to proposed development site.	**Hydrology:** Imperceptible.
		Hydrogeology: No significant cumulative impacts. However, potential for cumulative impact due to accidental pollution/discharge to ground event during the construction and/or operation of this development on the River Liffey to the south and hence potential impact on downstream habitats as identified.	**Hydrogeology:** Mitigation proposed to protect local groundwater within development boundaries as well as surface water quality at nearby watercourses to same, during construction and operation of the proposed Project, will prevent groundwater and surface water pollution	**Hydrogeology:** Imperceptible.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Potential for cumulative impact due to removal of any contaminated/other soils at the development.	events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) and outline CEMP (Appendix A5.1) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. In addition, specific mitigation measures will apply to the proposed development site. Identification of suitable disposal licenced sites including for potentially contaminated soil.	
		Soils & Geology: Cumulative impacts relating to soils and geology unlikely given distance from proposed Project, setting and nature of development	**Soils & Geology:** Not applicable.	**Soils & Geology:** Imperceptible.
		Land Take: None. The development is outside of, and not continuous with, the proposed Project land take boundaries.	**Land Take:** Not applicable	**Land Take:** None
		Infrastructure & Utilities: Given the distance of this development from the proposed Project no cumulative effects are predicted to occur with respect to infrastructure and utilities during construction or operation of this project.	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** None.
		Agronomy: None.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: Impacts to known and potential unknown archaeological deposits. Cumulative impact on archaeological heritage of Dublin but not considered significant.	**Archaeology & Cultural Heritage:** Proposed mitigation within this EIAR is sufficient to manage the cumulative impact	**Archaeology & Cultural Heritage:** Not significant
		Architectural Heritage: None.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: Development considered too small scale or too far from the proposed Project to create any likelihood of cumulative impacts.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** None.
4184/21	Private Landowner. Demolition of the existing disused single storey building which faces Blessington Court and the construction of a three-storey building to accommodate three apartment units. All with associated landscaping and site development works. Rear 3 Blessington Street, Dublin 7.	**Traffic & Transport:** Blessington Street is used for HGV routing to N1, Moderate Negative	**Traffic & Transport:** Proposed mitigation will include requirements within the construction contracts to ensure both contractors liaise in relation to traffic management	**Traffic & Transport:** Slight Negative
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: The construction of both projects may impact journey amenity of the population in this area should these developments be constructed concurrently.	**Population & Land-Use:** Traffic and transport mitigation measures, as outlined in Chapter 9 (Traffic and Transport) will be implemented during construction to reduce impact on population	**Population & Land-Use:** Not significant.
		Electromagnetic Interference: None.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** None.
		Airborne Noise & Vibration: Projects sufficiently set back from each other in addition to the nature and scale of the listed applications is such that no significant cumulative noise or vibration impacts are likely during the Construction Phase if both developments are under construction at the same time. There are no cumulative operational noise or vibration impacts.	**Airborne Noise & Vibration:** Not applicable.	**Airborne Noise & Vibration:** None
		Groundborne Noise & Vibration: N Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity: Potential for cumulative effects on downstream habitats arising from accidental pollution events during the construction or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss arising from extreme habitat degradation. Should the Construction Phases overlap there is potential for cumulative disturbance on fauna resulting in displacement from the locality	**Biodiversity**: Mitigation proposed in the EIAR and in the outline CEMP (Appendix A5.1) to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events. Mitigation proposed in this EIAR to reduce disturbance impacts on fauna species during construction and operation of the proposed Project will mitigate potential cumulative impacts on fauna species.	**Biodiversity:** Not significant

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Climate: No significant cumulative effects predicted to occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate:** Not applicable.	**Climate:** Not Significant.
		Air Quality: Potential for cumulative dust effects during Construction Phase depending on the timing of works.	**Air Quality:** Dust mitigation measures	**Air Quality:** Not significant
		Hydrology: No significant cumulative impacts envisaged. However, potential for cumulative impact on nearby drainage channels and connection with the River Liffey to the south for example, due to accidental pollution event during the Construction Phase and hence potential impact on downstream habitats including Dublin Bay. Potential for cumulative impact due to removal of any contaminated soils at the site.	**Hydrology:** Mitigation proposed to protect surface water quality at identified receiving watercourses including the River Liffey during construction and operation of the proposed Project, will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) and outline CEMP (Appendix A5.1) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. In addition, specific mitigation measures will apply to the proposed development site. Identification of suitable disposal licenced sites for contaminated soil/waste material following guidelines in the outline CEMP (Appendix A5.1) and specific to proposed development site.	**Hydrology:** Imperceptible.
		Hydrogeology: No significant cumulative impacts. However, potential for cumulative impact due to accidental pollution/discharge to ground event during the construction and/or operation of this development on the River Liffey to the south and hence potential impact on downstream habitats as identified. Potential short-term dewatering effects possible for lower-level construction/basements. Potential for cumulative impact due to removal of any contaminated/other soils at the development.	**Hydrogeology:** Mitigation proposed to protect local groundwater within development boundaries as well as surface water quality at nearby watercourses to same, during construction and operation of the proposed Project, will prevent groundwater and surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) and outline CEMP (Appendix A5.1) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. In addition, specific mitigation measures will apply to the proposed development site. Identification of suitable disposal licenced sites including for potentially contaminated soil.	**Hydrogeology:** Imperceptible.
		Soils & Geology: Cumulative impacts relating to soils and geology unlikely given distance from proposed Project, setting and nature of development	**Soils & Geology:** Not applicable.	**Soils & Geology:** Imperceptible.
		Land Take: None. The development is outside of, and not continuous with, the proposed Project land take boundaries.	**Land Take:** Not applicable	**Land Take:** None
		Infrastructure & Utilities: Given the distance of this development from the proposed Project no cumulative effects are predicted to occur with respect to infrastructure and utilities during construction or operation of this project.	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** None.
		Agronomy: None.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: Impacts to known and potential unknown archaeological deposits. Cumulative impact on archaeological heritage of Dublin but not considered significant.	**Archaeology & Cultural Heritage:** Proposed mitigation within this EIAR is sufficient to manage the cumulative impact	**Archaeology & Cultural Heritage:** Not significant
		Architectural Heritage: None.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: Development considered too small scale or too far from the proposed Project to create any likelihood of cumulative impacts.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** None.

A.30.2 Stage 3 & 4 Cumulative Impact Assessment Tables

Table 30.2.1 Stage 3 & 4 Cumulative Impact Assessment Table – Local Authority Planning Applications

Table 30.2.2: Stage 3 & 4 Cumulative Impact Assessment Table – An Bord Pleanala Planning Applications and Committed Developments

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
312131 Formerly 301908	Irish Water: Greater Dublin Drainage Project New wastewater treatment plant in Clonshaugh and associated pipelines.	**Traffic & Transport:** Some overlap with Construction Phases of the proposed Project and sewer route – may impact route to Huntstown Quarry location north of M50 Motorway. Additional volume of construction vehicles may increase cumulative impact	**Traffic & Transport:** Proposed mitigation will include requirements within the construction contracts to ensure both contractors liaise in relation to traffic management.	**Traffic & Transport:** Not Significant.
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: The construction of both projects will increase construction employment opportunities and may boost the positive direct and indirect economic effects associated with these projects; no other significant cumulative impacts will occur with respect to population during construction of this development. Given the nature of this development, no significant cumulative impacts anticipated with respect to population during operation of this development.	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** Not Significant.
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** Imperceptible.
		Airborne Noise & Vibration: Potential for cumulative noise impacts during the Construction Phase if both developments are under construction at the same time at overlapping locations. Potential increase in Construction Phase traffic noise emissions in the local area if both using Huntstown Quarry for spoil. There are no cumulative operational noise or vibration impacts.	**Airborne Noise & Vibration:** Construction noise and vibration mitigation measures and limit values outlined in the Construction Environmental Management Plan (outline CEMP) in Appendix A5.1 and Chapter 13 (Airborne Noise & Vibration) of the EIAR are designed to avoid significant impacts at closest sensitive locations to the proposed Project. Where concurrent works are occurring at same locations, mitigation measures will be required to ensure limit values are not exceeded from both projects.	**Airborne Noise & Vibration:** Potential for cumulative temporary construction noise and vibration impacts depending on timing and location of works
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity: Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction and/or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss Should the Construction Phases overlap there is potential for cumulative disturbance on fauna resulting in displacement from the locality	**Biodiversity:** Mitigation proposed in Chapter 15 (Biodiversity) and Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events. Mitigation proposed in this EIAR to reduce disturbance impacts on fauna species during the Construction Phase of the proposed Project will mitigate potential cumulative impacts on fauna species.	**Biodiversity:** Not Significant.
		Air Quality: Potential for cumulative dust impacts during the Construction Phase if both developments are under construction at the same time if they overlap, in particular in the Dardistown area. Potential increase in Construction Phase traffic emissions in the local area if both using Huntstown Quarry for spoil. No likely significant Operational Phase impacts.	**Air Quality:** Dust mitigation measures outlined in the outline CEMP in Appendix A5.1 and Chapter 16 (Air Quality) of the EIAR will mitigate potential cumulative dust impacts. Dust deposition monitoring on the proposed Project will confirm concentrations within guideline values. Potential traffic impacts should be considered by traffic team and included in cumulative model.	**Air Quality:** Potential for cumulative effects during Construction Phase depending on the timing and location of works.
		Climate: Potential increase in traffic emissions in the local area during construction of the development due to interactions and redistribution of traffic away from construction routes if Construction Phases overlap. Given the nature of this development, no significant cumulative impacts are anticipated with respect to climate during operation of this development.	**Climate:** Traffic and transport mitigation measures set out in Chapter 9 (Traffic & Transport)to reduce impact on climate.	**Climate:** Not likely to be significant during Construction or Operational Phases
		Hydrology: Potential for cumulative impact due to removal of contaminated soils on both this development and the proposed Project. There would be the potential for runoff of contaminated soil to impact surface water quality of nearby surface waterbodies, in the absence of any mitigation. Potential for impact on site drainage and connection with Santry River for example. Potential for cumulative impact due to accidental pollution event during the construction and/or operation of this development on the Santry River and its	**Hydrology:** Identification of suitable disposal licenced sites for contaminated soil. Construct in line with the outline CEMP in Appendix A5.1 . Mitigation proposed to protect surface water quality at nearby watercourses/tributaries to same, including the Santry River during construction and operation of the proposed Project, will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 with	**Hydrology:** Not Significant./Imperceptible.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		tributaries for example and hence potential impact on downstream habitats including at Dublin Bay.	due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats.	
		Hydrogeology: Potential for cumulative impact due to removal of contaminated soils on both this development and the proposed Project. Potential for cumulative impact due to accidental pollution event on the Santry River and its tributaries for example and hence potential impact on downstream habitats including at Dublin Bay; potential for accidental discharge to ground during the Construction Phase of this development mainly.	**Hydrogeology:** Identification of suitable disposal licenced sites for contaminated soil. Mitigation proposed to protect groundwater as well as surface water quality at nearby watercourses/tributaries to same including the Santry River during construction and operation of the proposed Project will prevent groundwater and surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats.	**Hydrogeology:** Imperceptible.
		Soils & Geology: proposed Project crosses the proposed orbital sewer route near its M50 Viaduct location. Potential for cumulative effects from settlement.	**Soils & Geology:** Proposed mitigation could include negotiation to ensure works are not undertaken concurrently or potentially ground treatment to reduce likelihood of settlement.	**Soils & Geology:** Slight/Imperceptible.
		Land Take: The proposed Project permanent land take boundary at the Dardistown Depot & South Portal is adjacent to the GDD development to the south. This is agricultural land. Refer to the Agronomy section below.	**Land Take:** Not applicable.	**Land Take:** Refer to the Agronomy section below
		Infrastructure & Utilities: The proposed Project crosses the proposed orbital sewer route near its M50 Viaduct location. There is the potential for cumulative impact if both projects go ahead and Construction Phases coincide.	**Infrastructure & Utilities:** Consultation and meetings have taken place with Irish Water (IW) and the Project Team during the design phase. The location of the maintenance depot at Dardistown was relocated during design development which mitigated impact on the proposed sewer. Prior to construction, further consultation will be undertaken with IW to ensure their assets are protected	**Infrastructure & Utilities:** Not significant
		Agronomy: The Greater Dublin Drainage (GDD) Project will impact on some of the land holding Folio: DN212005F. There will be direct cross over of GDD and the proposed Project to the south of the holding. There will be approx. 89 acres of Folio: DN212005F impacted by the proposed Project to allow for the construction of Dardistown Depot & South Portal. GDD will impact a small area to the south of the holding, the pipeline is to be constructed parallel to the M50, while the Dardistown to Northwood track will cross with GDD horizontally, in a line type incline.	**Agronomy:** Not applicable.	**Agronomy:** There will be no residual impacts of GDD, as the land will be returned to its previous state post construction. The proposed Project will permanently remove the area from agriculture. As a result, there will be no residual cumulative effects during the Operational Phase
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: Impacts to potential archaeological deposits. Cumulative impact on archaeological heritage of Dublin but not considered significant	**Archaeology & Cultural Heritage:** Proposed mitigation within this EIAR is sufficient to manage the cumulative impact	**Archaeology & Cultural Heritage:** Not Significant
		Architectural Heritage: No cumulative impacts predicted.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: Potentially Slight local effects – potential minor construction impacts where the proposed Project will cross the proposed orbital sewer route near its M50 Viaduct location	**Landscape & Visual:** Integration and coordination of proposed Project design with other development in respect of landscape finishes and proposed planting works.	**Landscape & Visual:** Not Significant.
N/A	National Transport Authority: BusConnects - Overhaul of current bus system in Dublin region	**Traffic & Transport:** Potential overlap of construction programmes, increased vehicles on network. Impact on level of interchange with proposed Project – scheme already included within model forecasts in operational stage – positive impact	**Traffic & Transport:** Construction Phases will not happen concurrently at all stations. Station Box Excavation in some locations will overlap with the BusConnects Works and the contract will need to include a clause to liaise with the construction team working on the BusConnects works regarding coordinating traffic management. No mitigation required during Operational Phase as scheme already included in transport model, positive impact on interchange with the proposed Project.	**Traffic & Transport:** Not Significant during the Construction Phase.
		Human Health: Potential positive human health impact in the Operational Phases in terms of increasing access to public transport and decreasing health inequalities	**Human Health:** Not applicable.	**Human Health:** None.
		Population & Land-Use: The construction of both projects will increase construction employment opportunities and may boost the positive direct and indirect economic effects	**Population & Land-Use:** Traffic and transport mitigation measures during construction to reduce impact on population	**Population & Land-Use:** Slight, Short-Term, Negative during construction.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		associated with these projects. Given the scale of these developments across the region, journey amenity of the population and accessibility of social infrastructure may be impacted should these developments be constructed concurrently. Once operational, the proposed Project and this development will improve journey alternatives and interactions at the local and regional level and increase accessibility of employment and social infrastructure and the capacity for high density development that can deliver strategic benefits. This is a positive cumulative effect during operation.		
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** Imperceptible.
		Airborne Noise & Vibration: Potential for cumulative noise and vibration impacts during the Construction Phase if both developments are under construction at the same time at overlapping locations. There are no significant likely negative cumulative noise or vibration Operational Phase impacts.	**Airborne Noise & Vibration:** Construction noise and vibration mitigation measures and limit values outlined in CEMP in Appendix A5.1 and Chapter 13 (Airborne Noise & Vibration) of the EIAR are designed to avoid significant impacts at closest sensitive locations to the proposed Project. Where works are occurring at overlapping locations during the construction of both projects, mitigation measures will be required to ensure limit values are not exceeded from both projects. Construction traffic management measures may be required to ensure cumulative construction traffic noise impacts are controlled. (Assessment ongoing/in progress)	**Airborne Noise & Vibration:** Potential for cumulative temporary construction noise and vibration impacts depending on timing and location of works
		Groundborne Noise & Vibration: No significant groundborne noise or vibration is caused by bus movements in normal circumstances	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity: Potential for cumulative impacts on habitats and species as a result of direct habitat loss arising from the construction of the proposed Project. Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction and/or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss from extreme habitat degradation. Should the Construction Phases overlap there is potential for cumulative disturbance on fauna resulting in displacement from the locality. Increased disturbance effects arising from the operational stages may act cumulatively to permanently displace fauna from the locality. There is potential for cumulative mortality effects on fauna species during the Operational Phases. There is potential for cumulative habitat severance/barrier effects on fauna arising from the construction and operation of new infrastructure developments.	**Biodiversity**: Mitigation proposed to minimise habitat loss and retain vegetation during the Construction Phase of the proposed Project will mitigate potential cumulative impacts on habitats and species. Mitigation proposed in Chapter 15 (Biodiversity) and Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events. Mitigation proposed in Chapter 15 (Biodiversity) to reduce disturbance impacts on fauna species during the Construction Phase of the proposed Project will mitigate potential cumulative impacts on fauna species. of the proposed Project will mitigate potential cumulative impacts on fauna species. Mitigation proposed in Chapter 15 (Biodiversity) of the EIAR to reduce habitat severance/barrier effects on fauna species during construction and operation of the proposed Project will mitigate potential cumulative impacts on fauna species.	**Biodiversity:** Habitat loss: Significant at the local geographic scale and permanent Surface Water: Not Significant. Disturbance: Not significant Mortality: Not significant Habitat Severance/Barrier Effects: Not Significant.
		Air Quality: Potential for cumulative dust impacts during the Construction Phase if both developments are under construction at the same time if they overlap. Potential increase in operational traffic emissions in the local area due to development however the assessment Scenario B includes for a cumulative assessment. Positive cumulative impacts with the proposed Project, as these developments also aim to improve the public transport network by making it more connected, which would have the potential to reduce private vehicles dependence and an associated reduction in greenhouse gas emissions.	**Air Quality:** Dust mitigation measures outlined in the outline CEMP in Appendix A5.1 and Chapter 16 (Air Quality) of the EIAR will mitigate potential cumulative dust impacts. Dust deposition monitoring on the proposed Project will confirm concentrations within guideline values. Traffic and transport mitigation measures during construction to reduce impact on air quality.	**Air Quality:** Potential for cumulative effects during Construction Phase depending on the timing and location of works. Scenario B for the Operational Phase includes BusConnects. There are no significant impacts predicted. Positive during the Operational Phase.
		Climate: Potential increase in traffic emissions in the local area during the construction of the development due to interactions and rerouting of traffic away if Construction Phases overlap. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate:** Traffic and transport mitigation measures to reduce impact on climate.	**Climate:** Cumulatively the schemes provide a greater public transport network as recommended in the Climate Action Plan.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Hydrology: No significant cumulative impacts. However, potential for cumulative impact due to removal of contaminated soils on both developments where these overlap from Charlemont in the south to Estuary in the north. There would be the potential for runoff of contaminated soil to impact surface water quality of nearby surface waterbodies, in the absence of any mitigation. Potential for cumulative impact due to accidental pollution event during the construction and/or operation of this development on a number of watercourses crossed by both projects including stormwater drainage to these, for example the River Liffey and hence potential impact on downstream habitats including Dublin Bay here.	**Hydrology:** Identification of suitable disposal licenced sites for contaminated soil. Mitigation proposed to protect surface water quality at nearby identified watercourses including during construction and operation of the proposed Project, will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats.	**Hydrology:** Not Significant.
		Hydrogeology: Potential for local reduction in recharge to ground (where there will be new land take in urban setting). No significant cumulative impacts. However, potential for cumulative impact due to removal of contaminated soils on both developments where these overlap from Charlemont in the south to Estuary in the north. Potential for cumulative impact due to accidental pollution/discharge to ground event during the construction and/or operation of this development on a number of watercourses crossed by both developments, and where groundwater discharges to these surface water features and hence potential impact on downstream habitats.	**Hydrogeology:** Recharge to ground where feasible as part of SuDS. Identification of suitable disposal licenced sites for contaminated soil. Mitigation proposed to protect local groundwater within development boundaries as well as surface water quality at nearby watercourses/tributaries to same, during construction and operation of the proposed Project, will prevent groundwater and surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats.	**Hydrogeology:** Imperceptible.
		Soils & Geology: Great deal of overlap with a number of proposed BusConnects Core Bus Corridor routes. Potential for cumulative effects from settlement depending on BusConnects scheme details, and potentially loss of soil cover.	**Soils & Geology:** Proposed mitigation could include negotiation to ensure works are not undertaken concurrently or potentially ground treatment to reduce likelihood of settlement. Mitigation for soil loss depends on details of BusConnects scheme and development of a soil reuse strategy.	**Soils & Geology:** Slight/Imperceptible.
		Land Take: Potential for overlap in land take boundaries with CBC0304 Ballymun/Finglas route.	**Land Take:** Engagement with NTA regarding land take requirements and scheduling of the construction works.	**Land Take:** Not Significant.
		Infrastructure & Utilities: Potential for cumulative effects on infrastructure and utilities at route overlaps with CBC0304 Ballymun/Finglas route.	**Infrastructure & Utilities:** Proposed mitigation could include negotiation to ensure works are not undertaken concurrently. All utility diversions and new connections will be agreed with the relevant service providers. Designs for utility diversions have already been agreed in principle with the relevant utility providers and design refinement will be subject to further consultation. The duration of any service outage will be finalised with the relevant utility providers.	**Infrastructure & Utilities:** Not significant
		Agronomy: No cumulative impacts predicted.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: Impacts to potential archaeological deposits. Cumulative impact on archaeological heritage of Dublin but not considered significant	**Archaeology & Cultural Heritage:** Proposed mitigation within this EIAR is sufficient to manage the cumulative impact	**Archaeology & Cultural Heritage:** Not Significant
		Architectural Heritage: No cumulative impacts predicted.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: Potential for additional significant effects on local landscape and visual amenity. The proposed Project is contiguous in several locations (e.g., at Griffith Park and Glasnevin Stations). The proposed BusConnects Works will impact on roadways, footpaths etc. and will result in mature tree removal. (The proposed Project landscape design accommodates current BusConnects proposals but may not be directly responsible for its associated removal of trees).	**Landscape & Visual:** Preparation and execution of a responsive landscape design will be implemented, which will include replacing lost trees (with semi-mature specimens) within a comprehensive planting scheme. This will relate to the new layout and integrate with the BusConnects landscape proposals. Comprehensive and effective measures will be implemented throughout the Construction Phase to properly retain and maintain the mature trees earmarked for retention.	**Landscape & Visual:** Significant during construction. Neutral and Moderate during operation.
n/a	Irish Water Water Supply Project Eastern and Midlands Region, including the proposed abstraction of water from the Lower River Shannon at Parteen Basin in	**Traffic & Transport:** No anticipated significant impacts during either construction or operational stage due to distance from Project.	**Traffic & Transport:** Not applicable.	**Traffic & Transport:** Not Significant.
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
	County Tipperary, with water treatment nearby at Birdhill. Treated water would then be piped 170km to a termination point reservoir at Peamount in south County Dublin)	**Population & Land-Use:** Due to distance, no significant cumulative effects anticipated with respect to population during construction or operation of this development.	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** Not Significant.
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** Imperceptible.
		Airborne Noise & Vibration: Projects sufficiently set back from each other such that no significant cumulative noise or vibration impacts are likely during the Construction Phase if both developments are under construction at the same time. There are no cumulative operational noise or vibration impacts.	**Airborne Noise & Vibration:** Not applicable.	**Airborne Noise & Vibration:** Not Significant.
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction and/or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss from extreme habitat degradation.	**Biodiversity:** Mitigation proposed in Chapter 15 (Biodiversity) and Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events.	**Biodiversity:** Not Significant.
		Air Quality: No significant cumulative effects predicted to occur with respect to air quality during construction or operation of this development.	**Air Quality:** Not applicable.	**Air Quality:** Not Significant.
		Climate: No significant cumulative effects predicted to occur with respect to climate during construction or operation of this development.	**Climate:** Not applicable.	**Climate:** Not Significant.
		Hydrology: Routes do not cross and based on termination point at reservoir in south County Dublin, no significant cumulative effects are predicted	**Hydrology:** Not applicable.	**Hydrology:** Imperceptible.
		Hydrogeology: Routes do not cross and based on termination point at reservoir in south County Dublin, no significant cumulative effects are predicted	**Hydrogeology:** Not applicable.	**Hydrogeology:** Imperceptible.
		Soils & Geology: Cumulative impacts relating to soils and geology unlikely given distance from proposed Project, setting and nature of development.	**Soils & Geology:** Not applicable.	**Soils & Geology:** None.
		Land Take: None. The development area is a considerable distance from the proposed Project permanent and temporary land take boundaries.	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: Given the distance of this development from the proposed Project (approximately 15km west of the proposed Charlemont Station and alignment), no cumulative effects are predicted to occur with respect to infrastructure and utilities during construction or operation of this development.	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** None.
		Agronomy: No cumulative impacts predicted.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: Impacts to potential archaeological deposits. Cumulative impact on archaeological heritage of Dublin but not considered significant	**Archaeology & Cultural Heritage:** Proposed mitigation within this EIAR is sufficient to manage the cumulative impact	**Archaeology & Cultural Heritage:** Not Significant
		Architectural Heritage: No cumulative impacts predicted.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: Not Significant.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** Not Significant.
305878	Ardstone Homes Strategic Housing Development application for 590 number residential units (480 apartments comprising eight blocks and 110 duplexes & apartments comprising nine blocks)	**Traffic & Transport:** No significant impact during construction. Population growth in the area included in model forecasts for Operational Phase	**Traffic & Transport:** Not applicable.	**Traffic & Transport:** Not Significant. during Construction Phase. Positive and Slight impact during Operational Phase.
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
	Beechpark and Maryfield, Scholarstown Road, Dublin 16.	**Population & Land-Use:** Given the distance of this development from the proposed Project, no significant cumulative effects anticipated with respect to population and land use will arise during construction or operation of this development.	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** Not Significant.
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** Imperceptible.
		Airborne Noise & Vibration: Projects sufficiently set back from each other such that no significant cumulative noise or vibration impacts are likely during the Construction Phase if both developments are under construction at the same time. There are no cumulative operational noise or vibration impacts	**Airborne Noise & Vibration:** Not applicable.	**Airborne Noise & Vibration:** Not Significant.
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction and/or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss from extreme habitat degradation.	**Biodiversity**: Mitigation proposed in Chapter 15 (Biodiversity) and Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events.	**Biodiversity:** Not Significant.
		Air Quality: Potential for cumulative dust impacts during the Construction Phase if both developments are under construction at the same time if both developments are under construction at the same time.	**Air Quality:** Dust mitigation measures outlined in the outline CEMP in Appendix A5.1 and Chapter 16 (Air Quality) of the EIAR will mitigate potential cumulative dust impacts. Dust deposition monitoring on the proposed Project will confirm concentrations within guideline values.	**Air Quality:** Not Significant.
		Climate: No significant cumulative effects predicted to occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate:** Not applicable.	**Climate:** Not Significant.
		Hydrology: No significant cumulative impacts. However, potential for cumulative impact on nearby drainage channels and connection with the Dodder River for example, due to accidental pollution event during the construction and/or operation of this development and hence potential impact on downstream habitats including Dublin Bay.	**Hydrology:** Mitigation proposed to protect surface water quality at nearby identified watercourses including during construction and operation of the proposed Project, will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats.	**Hydrology:** Not Significant./Imperceptible.
		Hydrogeology: Potential for local reduction in recharge to ground (where there will be new land take in urban setting). Potential for cumulative impact due to accidental pollution/discharge to ground event during the construction and/or operation of this development on nearby watercourses and where groundwater discharges to these surface water features and hence potential impact on downstream habitats.	**Hydrogeology:** Mitigation proposed to protect local groundwater within development boundaries as well as surface water quality at nearby watercourses/tributaries to same, during construction and operation of the proposed Project, will prevent groundwater and surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Recharge to ground where feasible as part of SuDS.	**Hydrogeology:** Imperceptible.
		Soils & Geology: Cumulative impacts relating to soils and geology unlikely given distance from proposed Project, setting and nature of development.	**Soils & Geology:** Not applicable.	**Soils & Geology:** None.
		Land Take: None. The development area is outside of the proposed Project permanent and temporary land take boundaries.	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: Given the distance of this development from the proposed Project (approximately 6.6km south-west of the proposed Charlemont Station and alignment), no cumulative effects are predicted to occur with respect to infrastructure and utilities during construction or operation of this development.	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** None.
		Agronomy: No cumulative impacts predicted.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.		
		Archaeology & Cultural Heritage: No cumulative impacts predicted.	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No cumulative impacts predicted.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: Not Significant.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** Not Significant.
305940	Sandyford GP Limited Strategic Housing Development application for 564 number apartments comprising six blocks, former Aldi site, Carmanhall Road, Sandyford Business District, Dublin 18	**Traffic & Transport:** No significant impact during construction. Population growth in the area included in model forecasts for Operational Phase	**Traffic & Transport:** Not applicable.	**Traffic & Transport:** Not Significant. during Construction Phase. Positive and Slight impact during Operational Phase.
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: Given the distance of this development from the proposed Project, no significant cumulative effects anticipated with respect to population and land use will arise during construction or operation of this development.	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** Not Significant.
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** Imperceptible.
		Airborne Noise & Vibration: Projects sufficiently set back from each other such that no significant cumulative noise or vibration impacts are likely during the Construction Phase if both developments are under construction at the same time. There are no cumulative operational noise or vibration impacts	**Airborne Noise & Vibration:** Not applicable.	**Airborne Noise & Vibration:** Not Significant.
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction and/or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss from extreme habitat degradation.	**Biodiversity**: Mitigation proposed in Chapter 15 (Biodiversity) and Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events.	**Biodiversity:** Not Significant.
		Air Quality: No significant cumulative effects predicted to occur with respect to air quality during construction or operation of this development.	**Air Quality:** Not applicable.	**Air Quality:** Not Significant.
		Climate: No significant cumulative effects predicted to occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate:** Not applicable.	**Climate:** Not Significant.
		Hydrology: No significant cumulative impacts. However, potential for cumulative impact on nearby drainage channels and connection with local watercourses, due to accidental pollution event during the construction and/or operation of this development and hence potential impact on downstream habitats including Dublin Bay.	**Hydrology:** Mitigation proposed to protect surface water quality at nearby identified watercourses including during construction and operation of the proposed Project, will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats.	**Hydrology:** Not Significant./Imperceptible.
		Hydrogeology: Potential for cumulative impact due to accidental pollution/discharge to ground event during the construction and/or operation of this development on nearby watercourses and where groundwater discharges to these surface water features and hence potential impact on downstream habitats.	**Hydrogeology:** Mitigation proposed to protect local groundwater within development boundaries as well as surface water quality at nearby watercourses/tributaries to same, during construction and operation of the proposed Project, will prevent groundwater and surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19	**Hydrogeology:** Imperceptible.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Potential for local reduction in recharge to ground (including where changes in land take occur in urban setting).	(Hydrogeology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Recharge to ground where feasible as part of SuDS.	
		Soils & Geology: Cumulative impacts relating to soils and geology unlikely given distance from proposed Project, setting and nature of development.	**Soils & Geology:** Not applicable.	**Soils & Geology:** None.
		Land Take: None. The development area is outside of the proposed Project permanent and temporary land take boundaries.	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: Given the distance of this development from the proposed Project (approximately 6.4km south of the proposed Charlemont Station and alignment), no cumulative effects are predicted to occur with respect to infrastructure and utilities during construction or operation of this development.	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** None.
		Agronomy: No cumulative impacts predicted.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: No cumulative impacts predicted.	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No cumulative impacts predicted.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: Not Significant.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** Not Significant.
305979	Seven Cabra Real Estate Limited Strategic Housing Development application for 485 number residential units in nine no. blocks, at former CIÉ lands, 2-4 Carnlough Road, Cabra, Dublin 7.	**Traffic & Transport:** No significant impact during construction. Population growth in the area included in model forecasts for Operational Phase	**Traffic & Transport:** Not applicable.	**Traffic & Transport:** Not Significant. during Construction Phase.
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: The distance of this development from the proposed Project, is considered to be sufficient to ensure no significant adverse cumulative effects anticipated with respect to population and land use will arise during construction or operation of this development. The construction of both projects will increase construction employment opportunities and may boost the positive direct and indirect economic effects associated with these projects in the local area.	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** Not Significant.
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** Imperceptible.
		Airborne Noise & Vibration: Projects sufficiently set back from each other such that no significant cumulative noise or vibration impacts are likely during the Construction Phase if both developments are under construction at the same time. There are no cumulative operational noise or vibration impacts	**Airborne Noise & Vibration:** Not applicable.	**Airborne Noise & Vibration:** Not Significant.
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction and/or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss from extreme habitat degradation.	**Biodiversity**: Mitigation proposed in Chapter 15 (Biodiversity) and Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events.	**Biodiversity:** Not Significant.
		Air Quality: No significant cumulative effects predicted to occur with respect to air quality during construction or operation of this development.	**Air Quality:** Not applicable.	**Air Quality:** Not Significant.
		Climate:	**Climate:** Not applicable.	**Climate:** Not Significant.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		No significant cumulative effects predicted to occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.		
		Hydrology: No significant cumulative impacts. However, potential for cumulative impact on nearby drainage channels and connection with the River Liffey to the south for example, due to accidental pollution event during the construction and/or operation of this development and hence potential impact on downstream habitats including Dublin Bay.	**Hydrology:** Mitigation proposed to protect surface water quality at nearby identified watercourses including during construction and operation of the proposed Project, will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats.	**Hydrology:** Not Significant.
		Hydrogeology: Potential for local reduction in recharge to ground (where there will be new land take in urban setting). Potential for cumulative impact due to accidental pollution/discharge to ground event during the construction and/or operation of this development on nearby watercourses and where groundwater discharges to these surface water features and hence potential impact on downstream habitats including Dublin Bay.	**Hydrogeology:** Mitigation proposed to protect local groundwater within development boundaries as well as surface water quality at nearby watercourses/tributaries to same, during construction and operation of the proposed Project, will prevent groundwater and surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Recharge to ground where feasible as part of SuDS.	**Hydrogeology:** Not Significant.
		Soils & Geology: Cumulative impacts relating to soils and geology unlikely given distance from proposed Project, setting and nature of development.	**Soils & Geology:** Not applicable.	**Soils & Geology:** None.
		Land Take: None. The development site is approximately 1.4km south west of the proposed Project alignment and is outside of the proposed permanent and temporary land take boundaries.	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: None. Sufficient separation to avoid cumulative impacts.	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** None.
		Agronomy: No cumulative impacts predicted.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: Impacts to potential archaeological deposits. Cumulative impact on archaeological heritage of Dublin but not considered significant	**Archaeology & Cultural Heritage:** Proposed mitigation within this EIAR is sufficient to manage the cumulative impact	**Archaeology & Cultural Heritage:** Not Significant
		Architectural Heritage: No cumulative impacts predicted.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: Not Significant.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** Not Significant.
309126	Glenveagh Homes Limited Strategic Housing Development 192 no. apartments, creche and all associated site works at Carpenterstown Road, Castleknock, Dublin 15	**Traffic & Transport:** Not Significant.	**Traffic & Transport:** Not applicable.	**Traffic & Transport:** Not Significant.
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: Given the distance of this development from the proposed Project, no further significant cumulative impacts will occur with respect to population during construction of this development.	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** Not Significant.
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** Imperceptible.
		Airborne Noise & Vibration: Development set back from closest surface works associated with the proposed Project by considerable distance with no potential for cumulative noise or vibration impacts.	**Airborne Noise & Vibration:** Not applicable.	**Airborne Noise & Vibration:** None.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		No operational cumulative impacts predicted due to distance and underground rail line		
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss arising from extreme habitat degradation.	**Biodiversity**: Mitigation proposed in this EIAR and in Appendix A5.1 (outline CEMP) to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events.	**Biodiversity:** Not Significant.
		Air Quality: Due to the distance from dust generating sites (>500m) associated with the proposed Project there is no likely significant cumulative dust impact. There are no significant likely cumulative Construction or Operational Phase traffic emissions.	**Air Quality:** Not applicable.	**Air Quality:** No likely significant Construction or Operational Phase cumulative impacts.
		Climate: No significant cumulative effects predicted to occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate:** Not applicable.	**Climate:** No significant cumulative impacts will occur with respect to climate during construction of this development.
		Hydrology: No significant cumulative impacts predicted. However, potential for cumulative impact on nearby drainage channels/stormwater conduits and connection with the River Liffey to the south for example, due to accidental pollution event during the construction and/or operation of this development and hence potential impact on downstream habitats including Dublin Bay. Drainage in the wider area to distant Royal Canal to north not known. Potential for cumulative impact due to removal of any contaminated soils on both developments.	**Hydrology:** Mitigation proposed to protect surface water quality at identified receiving watercourses including the River Liffey during construction and operation of the proposed Project, will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) and Appendix A5.1 (outline CEMP) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Identification of suitable disposal licenced sites for potentially contaminated soil.	**Hydrology:** Not Significant.
		Hydrogeology: No significant cumulative impacts predicted. However, potential for cumulative impact due to accidental pollution/discharge to ground event during the construction and/or operation of this development on nearby River Liffey and where groundwater discharges to nearby surface water features and hence potential impact on downstream habitats (Dublin Bay). Short-term dewatering effects possible for basement construction. Potential for additional local reduction in recharge to ground Potential for cumulative impact due to removal of any contaminated soils on both developments.	**Hydrogeology:** Mitigation proposed to protect local groundwater within development boundaries as well as surface water quality at nearby watercourses to same, during construction and operation of the proposed Project, will prevent groundwater and surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) and Appendix A5.1 (outline CEMP) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Recharge to ground where feasible as part of SuDS. Identification of suitable disposal licenced sites for potentially contaminated soil.	**Hydrogeology:** Not Significant.
		Soils & Geology: Cumulative impacts relating to soils and geology unlikely given distance from proposed Project, setting and nature of development	**Soils & Geology:** Not applicable.	**Soils & Geology:** Negligible
		Land Take: None. The development is outside of the proposed Project land take boundaries.	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: None. Sufficient separation (>6km) to avoid cumulative impacts, even if Construction Phases overlap.	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** None.
		Agronomy: No cumulative impacts predicted.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: No cumulative impacts predicted.	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No cumulative impacts predicted.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: No cumulative impacts predicted.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** None.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
305991	Ballymore Property Developments Limited Strategic Housing Development application for 142 number residential units, Seamount Road, Seamount Abbey, Malahide, Co. Dublin.	**Traffic & Transport:** No significant impact during construction. Population growth in the area included in model forecasts for Operational Phase	**Traffic & Transport:** Not applicable.	**Traffic & Transport:** Not Significant. during Construction Phase. Positive and Slight impact during Operational Phase.
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: Given the distance of this development from the proposed Project, no significant cumulative effects anticipated with respect to population and land use will arise during construction or operation of this development.	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** Not Significant.
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** Not Significant.
		Airborne Noise & Vibration: Projects sufficiently set back from each other such that no significant cumulative noise or vibration impacts are likely during the Construction Phase if both developments are under construction at the same time. There are no cumulative operational noise or vibration impacts	**Airborne Noise & Vibration:** Not applicable.	**Airborne Noise & Vibration:** Not Significant.
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction and/or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss from extreme habitat degradation.	**Biodiversity**: Mitigation proposed in Chapter 15 (Biodiversity) and Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events.	**Biodiversity:** Not Significant.
		Air Quality: No significant cumulative effects predicted to occur with respect to air quality during construction or operation of this development.	**Air Quality:** Not applicable.	**Air Quality:** Not Significant.
		Climate: No significant cumulative effects predicted to occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate:** Not applicable.	**Climate:** Not Significant.
		Hydrology: No significant cumulative impacts. However, potential for cumulative impact on nearby drainage channels and connection with Malahide Estuary/Irish Sea to the north/east for example, due to accidental pollution event during the construction and/or operation of this development and hence potential impact on downstream habitats.	**Hydrology:** Mitigation proposed to protect surface water quality at nearby identified watercourses including during construction and operation of the proposed Project, will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats.	**Hydrology:** Not Significant.
		Hydrogeology: Potential for cumulative impact due to accidental pollution/discharge to ground event during the construction and/or operation of this development on nearby water features and where groundwater discharges to these surface water features and hence potential impact on downstream habitats. Potential for local reduction in recharge to ground.	**Hydrogeology:** Mitigation proposed to protect local groundwater within development boundaries as well as surface water quality at nearby watercourses, during construction and operation of the proposed Project, will prevent groundwater and surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Recharge to ground where feasible as part of SuDS.	**Hydrogeology:** Not Significant.
		Soils & Geology: Cumulative impacts relating to soils and geology unlikely given distance from proposed Project, setting and nature of development.	**Soils & Geology:** Not applicable.	**Soils & Geology:** None.
		Land Take: None. The development area is outside of the proposed Project permanent and temporary land take boundaries and is not continuous with any land take parcels.	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: Given the distance of this development from the proposed Project (approximately 4.6km east of the proposed Seatown Station and alignment), no cumulative effects are predicted to occur with respect to infrastructure and utilities during construction or operation of this development.	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** None.
		Agronomy: No cumulative impacts predicted.	**Agronomy:** Not applicable.	**Agronomy:** None.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: No cumulative impacts predicted.	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No cumulative impacts predicted.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: Not Significant.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** Not Significant.
306075	Cosgrave Developments Strategic Housing Development application for 331 number apartments, Northwood Avenue, Santry, Dublin 9.	**Traffic & Transport:** No significant impact predicted	**Traffic & Transport:** Not applicable.	**Traffic & Transport:** Not Significant.
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: Given the scale of these developments, local accessibility and amenity for the population could potentially be impacted should these developments be constructed concurrently. The construction of both projects will increase construction employment opportunities and may boost the positive direct and indirect economic effects associated with these projects in the local area. Once operational, the proposed Project will improve the accessibility of and journey amenity to/from this development by way of the Northwood station	**Population & Land-Use:** Traffic and transport mitigation measures during construction to reduce impact on population.	**Population & Land-Use:** Not Significant.
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** Imperceptible.
		Airborne Noise & Vibration: Potential for minor cumulative noise impacts during the Construction Phase if both developments are under construction at the same time. There are no cumulative operational noise or vibration impacts	**Airborne Noise & Vibration:** Construction noise and vibration mitigation measures and limit values outlined in the outline CEMP in Appendix A5.1 and Chapter 13 (Airborne Noise & Vibration) of the EIAR are designed to avoid significant impacts at closest sensitive locations to the proposed Project. In the event that concurrent works are occurring, mitigation measures will be required to ensure limit values are not	**Airborne Noise & Vibration:** Not Significant.
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction and/or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss from extreme habitat degradation. Should the Construction Phases overlap the potential for cumulative disturbance on fauna resulting in displacement from the locality	**Biodiversity**: Mitigation proposed in Chapter 15 (Biodiversity) and Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events. Mitigation proposed in this EIAR to reduce disturbance impacts on fauna species during the Construction Phase of the proposed Project will mitigate potential cumulative impacts on fauna species.	**Biodiversity:** Not Significant.
		Air Quality: Potential for cumulative dust impacts during the Construction Phase if both developments are under construction at the same time if both developments are under construction at the same time.	**Air Quality:** Dust mitigation measures outlined in the outline CEMP in Appendix A5.1 and Chapter 16 (Air Quality) of the EIAR will mitigate potential cumulative dust impacts. Dust deposition monitoring on the proposed Project will confirm concentrations within guideline values.	**Air Quality:** Not Significant.
		Climate: No significant cumulative effects predicted to occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate:** Not applicable.	**Climate:** Not Significant.
		Hydrology: Potential for cumulative impact on nearby drainage channels and connection with the Santry River for example, due to accidental pollution event during the construction and/or operation of this development and hence potential impact on downstream habitats including Dublin Bay here.	**Hydrology:** Mitigation proposed to protect surface water quality at nearby identified watercourses including during construction and operation of the proposed Project, will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats.	**Hydrology**: Not Significant.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
			Recharge to ground where feasible as part of SuDS.	
		Hydrogeology: Potential for local reduction in recharge to ground (where there will be new land take in urban setting). Potential for cumulative impact due to accidental pollution/discharge to ground event during the construction and/or operation of this development on nearby watercourses and where groundwater discharges to these surface water features and hence potential impact on downstream habitats.	**Hydrogeology:** Mitigation proposed to protect local groundwater within development boundaries as well as surface water quality at nearby watercourses/tributaries to same, during construction and operation of the proposed Project, will prevent groundwater and surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Recharge to ground where feasible as part of SuDS.	**Hydrogeology:** Imperceptible.
		Soils & Geology: Cumulative impacts relating to soils and geology unlikely given distance from proposed Project, setting and nature of development.	**Soils & Geology:** Not applicable.	**Soils & Geology:** None.
		Land Take: None. The development area is outside of the proposed Project permanent and temporary land take boundaries and is not continuous with any land take parcels.	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: Given the proximity of the projects (approximately 340m distance), should the Construction Phases overlap, there is potential for cumulative disturbance if utility diversions are required as part of this strategic housing development.	**Infrastructure & Utilities:** All utility diversions and new connections will be agreed with the relevant service providers. Designs for utility diversions have already been agreed in principle with the relevant utility providers and design refinement will be subject to further consultation. The duration of any service outage will be finalised with the relevant utility providers.	**Infrastructure & Utilities:** Not significant
		Agronomy: No cumulative impacts predicted.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: No cumulative impacts predicted.	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No cumulative impacts predicted.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: Not Significant.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** Not Significant.
305623	Cairn Homes Properties Limited Strategic Housing Development application for 282 number apartments comprising four blocks. Parkside 4, Parkside Boulevard, Dublin 13.	**Traffic & Transport:** No significant impact predicted	**Traffic & Transport:** Not applicable.	**Traffic & Transport:** Not Significant.
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: Given the distance of this development from the proposed Project, no significant cumulative effects anticipated with respect to population and land use will arise during construction or operation of this development.	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** Not Significant.
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** Imperceptible.
		Airborne Noise & Vibration: Projects sufficiently set back from each other such that no significant cumulative noise or vibration impacts are likely during the Construction Phase if both developments are under construction at the same time. There are no cumulative operational noise or vibration impacts	**Airborne Noise & Vibration:** Not applicable.	**Airborne Noise & Vibration:** Not Significant.
		Groundborne Noise & Vibration: N Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction and/or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss from extreme habitat degradation.	**Biodiversity**: Mitigation proposed in Chapter 15 (Biodiversity) and Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events.	**Biodiversity:** Not Significant.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Should the Construction Phases overlap there is potential for cumulative disturbance on fauna resulting in displacement from the locality	Mitigation proposed in this EIAR to reduce disturbance impacts on fauna species during the Construction Phase of the proposed Project will mitigate potential cumulative impacts on fauna species.	
		Air Quality: No significant cumulative effects predicted to occur with respect to air quality during construction or operation of this development.	**Air Quality:** Not applicable.	**Air Quality:** Not Significant.
		Climate: No significant cumulative effects predicted to occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate:** Not applicable.	**Climate:** Not Significant.
		Hydrology: Potential for cumulative impact on nearby drainage channels and connection with the River Mayne for example, due to accidental pollution event during the construction and/or operation of this development and hence potential impact on downstream habitats including Baldoyle Estuary here.	**Hydrology:** Mitigation proposed to protect surface water quality at nearby identified watercourses including during construction and operation of the proposed Project, will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Recharge to ground where feasible as part of SuDS.	**Hydrology**: Not Significant.
		Hydrogeology: Potential for local reduction in recharge to ground (where there will be new land take in urban setting). Potential for cumulative impact due to accidental pollution/discharge to ground event during the construction and/or operation of this development on nearby watercourses and where groundwater discharges to these surface water features and hence potential impact on downstream habitats.	**Hydrogeology:** Mitigation proposed to protect local groundwater within development boundaries as well as surface water quality at nearby watercourses/tributaries to same, during construction and operation of the proposed Project, will prevent groundwater and surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Recharge to ground where feasible as part of SuDS.	**Hydrogeology:** Imperceptible.
		Soils & Geology: Cumulative impacts relating to soils and geology unlikely given distance from proposed Project, setting and nature of development.	**Soils & Geology:** Not applicable.	**Soils & Geology:** None.
		Land Take: None. The development area is outside of the proposed Project permanent and temporary land take boundaries.	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: Given the distance of this development from the proposed Project (approximately 5.4km south-east of the proposed Dublin Airport Station and alignment), no cumulative effects are predicted to occur with respect to infrastructure and utilities during construction or operation of this development.	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** None.
		Agronomy: No cumulative impacts predicted.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: No cumulative impacts predicted.	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No cumulative impacts predicted.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: Not Significant.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** Not Significant.
305619	St Marnock's II Designated Activity Company Strategic Housing Development application for 153 number residential units. Station Road, Portmarnock, Townlands of Portmarnock, Co. Dublin.	**Traffic & Transport:** No impact during construction. Population growth in the area included in model forecasts for Operational Phase	**Traffic & Transport:** Not applicable.	**Traffic & Transport:** Not Significant. during Construction Phase. Positive and Slight impact during Operational Phase.
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Population & Land-Use: Given the distance of this development from the proposed Project, no significant cumulative effects anticipated with respect to population and land use will arise during construction or operation of this development.	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** Not Significant.
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** Imperceptible.
		Airborne Noise & Vibration: Projects sufficiently set back from each other such that no significant cumulative noise or vibration impacts are likely during the Construction Phase if both developments are under construction at the same time. There are no cumulative operational noise or vibration impacts	**Airborne Noise & Vibration:** Not applicable.	**Airborne Noise & Vibration:** Not Significant.
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction and/or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss from extreme habitat degradation. Should the Construction Phases overlap there is potential for cumulative disturbance on fauna resulting in displacement from the locality	**Biodiversity**: Mitigation proposed in Chapter 15 (Biodiversity) and Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events. Mitigation proposed in Chapter 15 (Biodiversity) to reduce disturbance impacts on fauna species during the Construction Phase of the proposed Project will mitigate potential cumulative impacts on fauna species.	**Biodiversity:** Not Significant.
		Air Quality: No significant cumulative effects predicted to occur with respect to air quality during construction or operation of this development.	**Air Quality:** Not applicable.	**Air Quality:** Not Significant.
		Climate: No significant cumulative effects predicted to occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate:** Not applicable.	**Climate:** Not Significant.
		Hydrology: Potential for cumulative impact on nearby drainage channels and connection with the Sluice River for example, due to accidental pollution event during the construction and/or operation of this development and hence potential impact on downstream habitats including Baldoyle Estuary.	**Hydrology:** Mitigation proposed to protect surface water quality at nearby identified watercourses including during construction and operation of the proposed Project, will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Recharge to ground where feasible as part of SuDS.	**Hydrology**: Not Significant.
		Hydrogeology: Potential for cumulative impact due to accidental pollution/discharge to ground event during the construction and/or operation of this development on nearby watercourses and where groundwater discharges to these surface water features and hence potential impact on downstream habitats. Potential for local reduction in recharge to ground.	**Hydrogeology:** Mitigation proposed to protect local groundwater within development boundaries as well as surface water quality at nearby watercourses/tributaries to same, during construction and operation of the proposed Project, will prevent groundwater and surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Recharge to ground where feasible as part of SuDS.	**Hydrogeology:** Not Significant./Imperceptible.
		Soils & Geology: Potential for permanent additional soil loss from development site in 3 km east or route. Effect is likely to be low adverse (loss of an area of medium fertility/use soils).	**Soils & Geology:** No mitigation possible for loss of local soils given nature of development, depends on development of a soil reuse strategy.	**Soils & Geology:** Slight
		Land Take: None. The development area is outside of the proposed Project permanent and temporary land take boundaries.	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: Given the distance of this development from the proposed Project (approximately 6.2km south-east of the proposed Swords Central Station and alignment), no cumulative effects are predicted to occur with respect to infrastructure and utilities during construction or operation of this development.	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** None.
		Agronomy: No cumulative impacts predicted.	**Agronomy:** Not applicable.	**Agronomy:** None.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: No cumulative impacts predicted.	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No cumulative impacts predicted.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: Not Significant.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** Not Significant.
305538	Dwyer Nolan Developments Limited Strategic Housing Development application for 129 number apartments comprising five blocks. To the north of Poppintree Industrial Estate, bounded by St Margaret's Road to the north, and Balbutcher Lane to the south east, Dublin 11.	**Traffic & Transport:** No significant impact predicted	**Traffic & Transport:** Not applicable.	**Traffic & Transport:** Not Significant.
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: With no significant cumulative environmental or traffic / transport related effects identified, no significant adverse cumulative effects anticipated with respect to population and land use are anticipated to arise during construction or operation of this development. The construction of both projects will increase construction employment opportunities and may boost the positive direct and indirect economic effects associated with these projects in the local area.	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** Not Significant.
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** Imperceptible.
		Airborne Noise & Vibration: Projects sufficiently set back from each other such that no significant cumulative noise or vibration impacts are likely during the Construction Phase if both developments are under construction at the same time. There are no cumulative operational noise or vibration impacts.	**Airborne Noise & Vibration:** Not applicable.	**Airborne Noise & Vibration:** Not Significant.
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction and/or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss from extreme habitat degradation. Should the Construction Phases overlap there is potential for cumulative disturbance on fauna resulting in displacement from the locality	**Biodiversity**: Mitigation proposed in Chapter 15 (Biodiversity) and Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events. Mitigation proposed in this EIAR to reduce disturbance impacts on fauna species during the Construction Phase of the proposed Project will mitigate potential cumulative impacts on fauna species.	**Biodiversity:** Not Significant.
		Air Quality: No significant cumulative effects predicted to occur with respect to air quality during construction or operation of this development.	**Air Quality:** Not applicable.	**Air Quality:** Not Significant.
		Climate: No significant cumulative effects predicted to occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate:** Not applicable.	**Climate:** Not Significant.
		Hydrology: Potential for cumulative impact on nearby drainage channels and connection with the Santry River for example, due to accidental pollution event during the construction and/or operation of this development and hence potential impact on downstream habitats including Dublin Bay.	**Hydrology:** Mitigation proposed to protect surface water quality at nearby identified watercourses including during construction and operation of the proposed Project, will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Recharge to ground where feasible as part of SuDS.	**Hydrology**: Not Significant.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Hydrogeology: Potential for local reduction in recharge to ground (where there will be new land take in urban setting). Potential for cumulative impact due to accidental pollution/discharge to ground event during the construction and/or operation of this development on nearby watercourses and where groundwater discharges to these surface water features and hence potential impact on downstream habitats.	**Hydrogeology:** Mitigation proposed to protect local groundwater within development boundaries as well as surface water quality at nearby watercourses/tributaries to same, during construction and operation of the proposed Project, will prevent groundwater and surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Recharge to ground where feasible as part of SuDS.	**Hydrogeology:** Imperceptible.
		Soils & Geology: Cumulative impacts relating to soils and geology unlikely given distance from proposed Project, setting and nature of development.	**Soils & Geology:** Not applicable.	**Soils & Geology:** None.
		Land Take: None. The development area is outside of the proposed Project permanent and temporary land take boundaries.	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: The Construction Phases are likely to overlap, however given the distance of this development from the proposed Project, no cumulative effects are anticipated.	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** None.
		Agronomy: No cumulative impacts predicted.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: No cumulative impacts predicted.	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No cumulative impacts predicted.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: Not Significant.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** Not Significant.
305676	Oxley Holdings Limited Strategic Housing Development application for 741 number build to rent apartments. Lands at the rear of Connolly Station, Connolly Station car park, Sheriff Street Lower, Dublin 1.	**Traffic & Transport:** No significant impact during construction. Population growth in the area included in model forecasts for Operational Phase	**Traffic & Transport:** Not applicable.	**Traffic & Transport:** Not Significant. during Construction Phase. Positive and Slight impact during Operational Phase.
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: Given the scale and relative proximity of these developments, local accessibility and amenity for the population could potentially be impacted should these developments be constructed concurrently. The construction of both projects will increase construction employment opportunities and may boost the positive direct and indirect economic effects associated with these projects in the local area. Once operational, the proposed Project will improve the accessibility of and journey amenity to/from this development by way of the Tara Station.	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** Not Significant.
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** Imperceptible.
		Airborne Noise & Vibration: Projects sufficiently set back from each other such that no significant cumulative noise or vibration impacts are likely during the Construction Phase if both developments are under construction at the same time. There are no cumulative operational noise or vibration impacts.	**Airborne Noise & Vibration:** Not applicable.	**Airborne Noise & Vibration:** Not Significant.
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction and/or operation of these	**Biodiversity**: Mitigation proposed in Chapter 15 (Biodiversity) and Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events.	**Biodiversity:** Not Significant.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		developments. Accidental pollution events could result in habitat degradation, and habitat loss from extreme habitat degradation. Should the Construction Phases overlap there is potential for cumulative disturbance on fauna resulting in displacement from the locality	Mitigation proposed in Chapter 15 (Biodiversity) to reduce disturbance impacts on fauna species during the Construction Phase of the proposed Project will mitigate potential cumulative impacts on fauna species.	
		Air Quality: No significant cumulative effects predicted to occur with respect to air quality during construction or operation of this development	**Air Quality:** Not applicable.	**Air Quality:** Not Significant.
		Climate: No significant cumulative effects predicted to occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate:** Not applicable.	**Climate:** Not Significant.
		Hydrology: Potential for cumulative impact due to removal of contaminated soils from this development and the proposed Project Potential for cumulative impact on nearby drainage channels and connection with the River Liffey to the south for example, due to accidental pollution event during the construction and/or operation of this development and hence potential impact on downstream habitats including Dublin Bay.	**Hydrology:** Identification of suitable disposal licenced sites for contaminated soil Mitigation proposed to protect surface water quality at nearby identified watercourses including the River Liffey during construction and operation of the proposed Project, will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats.	**Hydrology:** Not Significant./Imperceptible.
		Hydrogeology: Potential for cumulative impact due to removal of contaminated soils from this development and the proposed Project Potential for cumulative impact due to accidental pollution/discharge to ground event during the construction and/or operation of this development on nearby watercourses including the River Liffey -which is likely in hydraulic contact with local hydrogeology including underground/buried river deposits- and where groundwater discharges to nearby surface water features and hence potential impact on downstream habitats (Dublin Bay in this case).	**Hydrogeology:** Identification of suitable disposal licenced sites for contaminated soil. Mitigation proposed to protect local groundwater within development boundaries as well as surface water quality at nearby watercourses/tributaries to same, during construction and operation of the proposed Project, will prevent groundwater and surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats.	**Hydrogeology:** Not Significant./Imperceptible.
		Soils & Geology: Cumulative impacts relating to soils and geology unlikely given distance from proposed Project, setting and nature of development	**Soils & Geology:** Not applicable.	**Soils & Geology:** None.
		Land Take: None. The development area is outside of the proposed Project permanent and temporary land take boundaries.	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: Given the distance of this development from the proposed Project (approximately 900m north-east of the proposed Tara Station and alignment), no cumulative effects are predicted to occur with respect to infrastructure and utilities during construction or operation of this development.	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** None.
		Agronomy: No cumulative impacts predicted.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: Impacts to potential archaeological deposits. Cumulative impact on archaeological heritage of Dublin but not considered significant	**Archaeology & Cultural Heritage:** Proposed mitigation within this EIAR is sufficient to manage the cumulative impact	**Archaeology & Cultural Heritage:** Not Significant
		Architectural Heritage: No cumulative impacts predicted.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: Not Significant.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** Not Significant.
305316	Gerard Gannon Properties Strategic Housing Development application for 1,030 number apartment units comprising nine blocks. All to the North and	**Traffic & Transport:** No significant impact during construction. Population growth in the area included in model forecasts for Operational Phase	**Traffic & Transport:** Not applicable.	**Traffic & Transport:** Not Significant. during Construction Phase.
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
	South of Main Street, Clongriffin, Dublin 13.	**Population & Land-Use:** Given the distance of this development from the proposed Project, no significant cumulative effects anticipated with respect to population and land use will arise during construction or operation of this development	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** Not Significant.
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** Imperceptible.
		Airborne Noise & Vibration: Projects sufficiently set back from each other such that no significant cumulative noise or vibration impacts are likely during the Construction Phase if both developments are under construction at the same time. There are no cumulative operational noise or vibration impacts	**Airborne Noise & Vibration:** Not applicable.	**Airborne Noise & Vibration:** Not Significant.
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction and/or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss from extreme habitat degradation. Should the Construction Phases overlap there is potential for cumulative disturbance on fauna resulting in displacement from the locality	**Biodiversity**: Mitigation proposed in Chapter 15 (Biodiversity) and Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events. Mitigation proposed in Chapter 15 (Biodiversity) to reduce disturbance impacts on fauna species during the Construction Phase of the proposed Project will mitigate potential cumulative impacts on fauna species.	**Biodiversity:** Not Significant.
		Air Quality: No significant cumulative effects predicted to occur with respect to air quality during construction or operation of this development.	**Air Quality:** Not applicable.	**Air Quality:** Not Significant.
		Climate: No significant cumulative effects predicted to occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate:** Not applicable.	**Climate:** Not Significant.
		Hydrology: Potential for cumulative impact on nearby drainage channels and connection with the Mayne River for example, due to accidental pollution event during the construction and/or operation of this development and hence potential impact on downstream habitats including Baldoyle Estuary and Dublin Bay to the south.	**Hydrology:** Mitigation proposed to protect surface water quality at nearby identified watercourses including the Mayne River during construction and operation of the proposed Project, will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats.	**Hydrology:** Not Significant./Imperceptible.
		Hydrogeology: Potential for cumulative impact due to accidental pollution/discharge to ground event during the construction and/or operation of this development on nearby watercourses including the Mayne River and where groundwater discharges to nearby surface water features and hence potential impact on downstream habitats for example Baldoyle Estuary. Local reduction in recharge to ground.	**Hydrogeology:** Mitigation proposed to protect local groundwater within development boundaries as well as surface water quality at nearby watercourses/tributaries to same, during construction and operation of the proposed Project, will prevent groundwater and surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Recharge to ground where feasible as part of SuDS.	**Hydrogeology:** Not Significant./Imperceptible.
		Soils & Geology: Cumulative impacts relating to soils and geology unlikely given distance from proposed Project, setting and nature of development	**Soils & Geology:** Not applicable.	**Soils & Geology:** None.
		Land Take: None. The development area is outside of the proposed Project permanent and temporary land take boundaries.	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: Given the distance of this development from the proposed Project (approximately 6.7km south-east of the proposed Dublin Airport Station and alignment), no cumulative effects are predicted to occur with respect to infrastructure and utilities during construction or operation of this development.	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** None.
		Agronomy: No cumulative impacts predicted.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.		
		Archaeology & Cultural Heritage: No cumulative impacts predicted.	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No cumulative impacts predicted.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: Not Significant.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** Not Significant.
305405	Dublin City University Strategic Housing Development application for 1,240 student bed spaces. Dublin City University, DCU Glasnevin Campus, Collins Avenue Extension, Dublin 9.	**Traffic & Transport:** No significant impact predicted	**Traffic & Transport:** Not applicable.	**Traffic & Transport:** Not Significant.
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: Given the scale and proximity of these developments, local accessibility and amenity for the population could potentially be impacted should these developments be constructed concurrently. The construction of both projects will increase construction employment opportunities and may boost the positive direct and indirect economic effects associated with these projects in the local area. Once operational, the proposed Project will improve the accessibility of and journey amenity to/from this development by way of the Collins Avenue Station.	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** Not Significant.
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** Imperceptible.
		Airborne Noise & Vibration: Potential for minor cumulative noise impacts during the Construction Phase if both developments are under construction at the same time. There are no cumulative operational noise or vibration impacts	**Airborne Noise & Vibration:** Construction noise and vibration mitigation measures and limit values outlined in the outline CEMP in Appendix A5.1 and Chapter 13 (Airborne Noise & Vibration) of the EIAR are designed to avoid significant impacts at closest sensitive locations to the proposed Project. In the event that concurrent works are occurring at same locations, mitigation measures will be required to ensure limit values are not exceeded from both projects.	**Airborne Noise & Vibration:** Not Significant.
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction and/or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss from extreme habitat degradation. Should the Construction Phases overlap there is potential for cumulative disturbance on fauna resulting in displacement from the locality	**Biodiversity**: Mitigation proposed in Chapter 15 (Biodiversity) and Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events. Mitigation proposed in Chapter 15 (Biodiversity) to reduce disturbance impacts on fauna species during the Construction Phase of the proposed Project will mitigate potential cumulative impacts on fauna species.	**Biodiversity:** Not Significant.
		Air Quality: Potential for cumulative dust impacts during the Construction Phase if both developments are under construction at the same time if both developments are under construction at the same time.	**Air Quality:** Dust mitigation measures outlined in the outline CEMP in Appendix A5.1 and Chapter 16 (Air Quality) of the EIAR will mitigate potential cumulative dust impacts. Dust deposition monitoring on the proposed Project will confirm concentrations within guideline values.	**Air Quality:** Not Significant.
		Climate: No significant cumulative effects predicted to occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate:** Not applicable.	**Climate:** Not Significant.
		Hydrology: Potential for cumulative impact due to removal of contaminated soils from this development and the proposed Project. Potential for cumulative impact on nearby drainage channels and connection with the Tolka River for example, due to accidental pollution event during the construction and/or operation of this development and hence potential impact on downstream habitats including Dublin Bay.	**Hydrology:** Identification of suitable disposal licenced sites for contaminated soil. Mitigation proposed to protect surface water quality at nearby identified watercourses including the Tolka River during construction and operation of the proposed Project, will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 with due	**Hydrology:** Not Significant./Imperceptible.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
			cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats.	
		Hydrogeology: Potential for cumulative impact due to accidental pollution/discharge to ground event during the construction and/or operation of this development on nearby watercourses including the Tolka River and where groundwater discharges to nearby surface water features and hence potential impact on downstream habitats for example Dublin Bay. Local reduction in recharge to ground. Potential for cumulative impact due to removal of subsoils and/or contaminated soils from this development and the proposed Project.	**Hydrogeology:** Mitigation proposed to protect local groundwater within development boundaries as well as surface water quality at nearby watercourses/tributaries to same, during construction and operation of the proposed Project, will prevent groundwater and surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Recharge to ground where feasible as part of SuDS. Identification of suitable disposal licenced sites for contaminated soil for example.	**Hydrogeology:** Not Significant./Imperceptible.
		Soils & Geology: Cumulative impacts relating to soils and geology unlikely given distance from proposed Project, setting and nature of development	**Soils & Geology:** Not applicable.	**Soils & Geology:** None.
		Land Take: None. The development area is outside of the proposed Project permanent and temporary land take boundaries and is not continuous with any land take parcels.	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: Given the scale and proximity of this development, should the Construction Phases overlap there is potential for cumulative disturbance if utility diversions are required as part of the Dublin City University development.	**Infrastructure & Utilities:** All utility diversions and new connections will be agreed with the relevant service providers. Designs for utility diversions have already been agreed in principle with the relevant utility providers and design refinement will be subject to further consultation. The duration of any service outage will be finalised with the relevant utility providers.	**Infrastructure & Utilities:** Not significant
		Agronomy: No cumulative impacts predicted.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: Impacts to potential archaeological deposits. Cumulative impact on archaeological heritage of Dublin but not considered significant	**Archaeology & Cultural Heritage:** Proposed mitigation within this EIAR is sufficient to manage the cumulative impact	**Archaeology & Cultural Heritage:** Not Significant
		Architectural Heritage: No cumulative impacts predicted.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: Not Significant.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** Not Significant.
305324	Summix FRC Developments Limited Strategic Housing Development application for 368 no. student accommodation bed spaces comprising three blocks. Site known as a portion of the Brewery Block, bounded by Newmarket, St Luke's Avenue, Brabazon Place/Brabazon Row and Ardee Street (The site includes Nos. 13/14 Ardee Street and No. 29 Newmarket), Dublin 8.	**Traffic & Transport:** No impact during construction. Population growth in the area included in model forecasts for Operational Phase	**Traffic & Transport:** Not applicable.	**Traffic & Transport:** Not Significant. during Construction Phase. Positive and Slight impact during Operational Phase.
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: Given the distance of this development from the proposed Project and with no significant cumulative environmental or traffic / transport related effects identified, no significant cumulative effects anticipated with respect to population and land use will arise during construction or operation of this development. The construction of both projects will increase construction employment opportunities and may boost the positive direct and indirect economic effects associated with these projects in the local area.	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** Not Significant.
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** Imperceptible.
		Airborne Noise & Vibration: Projects sufficiently set back from each other such that no significant cumulative noise or vibration impacts are likely during the Construction Phase if both developments are under construction at the same time. There are no cumulative operational noise or vibration impacts	**Airborne Noise & Vibration:** Not applicable.	**Airborne Noise & Vibration:** Not Significant.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Groundborne Noise & Vibration: N Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction and/or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss from extreme habitat degradation.	**Biodiversity**: Mitigation proposed in Chapter 15 (Biodiversity) and Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events.	**Biodiversity:** Not Significant.
		Air Quality: No significant cumulative effects predicted to occur with respect to air quality during construction or operation of this development.	**Air Quality:** Not applicable.	**Air Quality:** Not Significant.
		Climate: No significant cumulative effects predicted to occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate:** Not applicable.	**Climate:** Not Significant.
		Hydrology: Potential for cumulative impact due to removal of contaminated soils from this development and the proposed Project. Potential for cumulative impact on nearby drainage channels and connection with the [culverted] Poddle River and River Liffey farther to the north for example, due to accidental pollution event during the construction and/or operation of this development and hence potential impact on downstream habitats including Dublin Bay.	**Hydrology:** Identification of suitable disposal licenced sites for contaminated soil. Mitigation proposed to protect surface water quality at nearby identified watercourses including the Poddle River/River Liffey during construction and operation of the proposed Project, will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats.	**Hydrology:** Not Significant.
		Hydrogeology: Potential for cumulative impact due to accidental pollution/discharge to ground event during the construction and/or operation of this development on nearby watercourses including the [culverted] Poddle River and River Liffey farther to the north and where groundwater discharges to nearby surface water features, and hence potential impact on downstream habitats, for example Dublin Bay Local reduction in recharge to ground. Potential for cumulative impact due to removal of subsoils and/or contaminated soils from this development and the proposed Project.	**Hydrogeology:** Mitigation proposed to protect local groundwater within development boundaries as well as surface water quality at nearby watercourses/tributaries to same, during construction and operation of the proposed Project, will prevent groundwater and surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Recharge to ground where feasible as part of SuDS. Identification of suitable disposal licenced sites for contaminated soil for example.	**Hydrogeology:** Not Significant.
		Soils & Geology: Cumulative impacts relating to soils and geology unlikely given distance from proposed Project, setting and nature of development.	**Soils & Geology:** Not applicable.	**Soils & Geology:** None.
		Land Take: None. The development area is outside of the proposed Project permanent and temporary land take boundaries and is not continuous with any land take parcels.	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: Given the distance of this development from the proposed Project (approximately 1.5km west of the proposed St Stephen's Green Station and alignment), no cumulative effects are predicted to occur with respect to infrastructure and utilities during construction or operation of this development.	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** None.
		Agronomy: No cumulative impacts predicted.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: No cumulative impacts predicted.	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No cumulative impacts predicted.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: Not Significant.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** Not Significant.
305312	Ruirside Developments Limited Strategic Housing Development application for 245 no. apartment	**Traffic & Transport:** No significant impact predicted	**Traffic & Transport:** Not applicable.	**Traffic & Transport:** Not Significant.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
	units comprising three blocks at Part of Former Premier Dairies Site, Finglas Road, Dublin 11.	**Human Health:** Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: Given the distance of this development from the proposed Project, no significant adverse cumulative effects anticipated with respect to population and land use will arise during construction or operation of this development. The construction of both projects will increase construction employment opportunities and may boost the positive direct and indirect economic effects associated with these projects in the local area.	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** Not Significant.
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** Imperceptible.
		Airborne Noise & Vibration: Projects sufficiently set back from each other such that no significant cumulative noise or vibration impacts are likely during the Construction Phase if both developments are under construction at the same time. There are no cumulative operational noise or vibration impacts	**Airborne Noise & Vibration:** Not applicable.	**Airborne Noise & Vibration:** Not Significant.
		Groundborne Noise & Vibration: N Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction and/or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss from extreme habitat degradation.	**Biodiversity**: Mitigation proposed in Chapter 15 (Biodiversity) and Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events.	**Biodiversity:** Not Significant.
		Air Quality: No significant cumulative effects predicted to occur with respect to air quality during construction or operation of this development.	**Air Quality:** Not applicable.	**Air Quality:** Not Significant.
		Climate: No significant cumulative effects predicted to occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate:** Not applicable.	**Climate:** Not Significant.
		Hydrology: Potential for cumulative impact due to removal of contaminated soils from this development and the proposed Project. Potential for cumulative impact on nearby drainage channels and connection with the Tolka River for example, due to accidental pollution event during the construction and/or operation of this development and hence potential impact on downstream habitats including Dublin Bay.	**Hydrology:** Identification of suitable disposal licenced sites for contaminated soil. Mitigation proposed to protect surface water quality at nearby identified watercourses including the Tolka River during construction and operation of the proposed Project, will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats.	**Hydrology:** Not Significant.
		Hydrogeology: Potential for cumulative impact due to accidental pollution/discharge to ground event during the construction and/or operation of this development on nearby watercourses including the Tolka River and where groundwater discharges to nearby surface water features and hence potential impact on downstream habitats for example Dublin Bay. Local reduction in recharge to ground. Potential for cumulative impact due to removal of subsoils and/or contaminated soils from this development and the proposed Project.	**Hydrogeology:** Mitigation proposed to protect local groundwater within development boundaries as well as surface water quality at nearby watercourses/tributaries to same, during construction and operation of the proposed Project, will prevent groundwater and surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Recharge to ground where feasible as part of SuDS. Identification of suitable disposal licenced sites for contaminated soil for example.	**Hydrogeology:** Not Significant./Imperceptible.
		Soils & Geology: Cumulative impacts relating to soils and geology unlikely given distance from proposed Project, setting and nature of development	**Soils & Geology:** Not applicable.	**Soils & Geology:** None.
		Land Take: None. The development site is approximately 1.9km west of the proposed Project alignment and is outside of the proposed permanent and temporary land take boundaries.	**Land Take:** Not applicable.	**Land Take:** None.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Infrastructure & Utilities: No cumulative effects predicted to occur with respect to infrastructure and utilities during construction or operation of this development.	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** None.
		Agronomy: No cumulative impacts predicted.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: No cumulative impacts predicted.	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No cumulative impacts predicted.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: Not Significant.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** Not Significant.
305680 (Quashed by High Court) Now permitted by 307444	Crekav Trading GP Limited Strategic Housing Development application for a residential development consisting of 657 apartment units comprising nine blocks on lands east of St Paul's College, Sybill Hill Road, Raheny, Dublin 5.	**Traffic & Transport:** No significant impact during construction. Population growth in the area included in model forecasts for Operational Phase	**Traffic & Transport:** Not applicable.	**Traffic & Transport:** Not Significant. during Construction Phase. Positive and Slight impact during Operational Phase.
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: Given the distance of this development from the proposed Project, no significant cumulative effects anticipated with respect to population and land use will arise during construction or operation of this development.	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** Not Significant.
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** Imperceptible.
		Airborne Noise & Vibration: Projects sufficiently set back from each other such that no significant cumulative noise or vibration impacts are likely during the Construction Phase if both developments are under construction at the same time. There are no cumulative operational noise or vibration impacts	**Airborne Noise & Vibration:** Not applicable.	**Airborne Noise & Vibration:** Not Significant.
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction and/or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss from extreme habitat degradation.	**Biodiversity**: Mitigation proposed in Chapter 15 (Biodiversity) and Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events.	**Biodiversity:** Not Significant.
		Air Quality: No significant cumulative effects predicted to occur with respect to air quality during construction or operation of this development.	**Air Quality:** Not applicable.	**Air Quality:** Not Significant.
		Climate: No significant cumulative effects predicted to occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate:** Not applicable.	**Climate:** Not Significant.
		Hydrology: No significant cumulative impacts. However, potential for cumulative impact due to removal of contaminated soils from this development and the proposed Project Potential for cumulative impact on nearby drainage channels and connection with the Nanekin River for example, due to accidental pollution event during the construction and/or operation of this development and hence potential impact on downstream habitats including Dublin Bay.	**Hydrology:** Identification of suitable disposal licenced sites for contaminated soil Mitigation proposed to protect surface water quality at nearby identified watercourses including the Nanekin River during construction and operation of the proposed Project, will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats.	**Hydrology:** Not Significant.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Hydrogeology: Local reduction in recharge to ground. Potential for cumulative impact due to removal of contaminated soils from this development and the proposed Project. Potential cumulative impact from short-term Construction Phase dewatering activities. Potential for cumulative impact due to accidental pollution/discharge to ground event during the construction and/or operation of this development on nearby water features and where groundwater discharges to nearby surface water features and hence potential impact on downstream habitats (Dublin Bay in this case).	**Hydrogeology:** Recharge to ground where feasible as part of SuDS. Identification of suitable disposal licenced sites for contaminated soil. Mitigation proposed to protect local groundwater within development boundaries as well as surface water quality at nearby watercourse during construction and operation of the proposed Project, will prevent groundwater and surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats.	**Hydrogeology:** Not Significant.
		Soils & Geology: Cumulative impacts relating to soils and geology unlikely given distance from proposed Project, setting and nature of development.	**Soils & Geology:** Not applicable.	**Soils & Geology:** None.
		Land Take: None. The development area is outside of the proposed Project permanent and temporary land take boundaries.	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: Given the distance of this development from the proposed Project (approximately 4.9km east of the proposed Griffith Park Station and alignment), no cumulative effects are predicted to occur with respect to infrastructure and utilities during construction or operation of this development.	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** None.
		Agronomy: No cumulative impacts predicted.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: No cumulative impacts predicted.	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No cumulative impacts predicted.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: Not Significant.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** Not Significant.
305267	Adwood Limited. Strategic Housing Development Application for 1,034 residential units comprising of (578 no. houses, 456 no. apartments), 2 no. childcare facilities (1 temporary, 1 permanent), 1 no. retail unit, 1 no. community facility. Outer Ring Road/Grange Castle Road (R136), Old Nangor Road (L5254), Cherrywood Park, Kilcarbery Avenue and Corkagh Park, Townlands of Kilcarbery, Corkagh Demesne, Deansrath and Nangor, Co. Dublin	**Traffic & Transport:** No significant impact during construction. Population growth in the area included in model forecasts for Operational Phase	**Traffic & Transport:** Not applicable.	**Traffic & Transport:** Not Significant. during Construction Phase. Positive and Slight impact during Operational Phase.
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: With no significant cumulative environmental or traffic / transport related effects identified, no significant adverse cumulative effects anticipated with respect to population and land use will arise during construction or operation of this development. The construction of both projects will increase construction employment opportunities and may boost the positive direct and indirect economic effects associated with these projects in the local area.	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** Not Significant.
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** Imperceptible.
		Airborne Noise & Vibration: Projects sufficiently set back from each other such that no significant cumulative noise or vibration impacts are likely during the Construction Phase if both developments are under construction at the same time. There are no cumulative operational noise or vibration impacts	**Airborne Noise & Vibration:** Not applicable.	**Airborne Noise & Vibration:** Not Significant.
		Groundborne Noise & Vibration: N Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction and/or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss from extreme habitat degradation.	**Biodiversity**: Mitigation proposed in Chapter 15 (Biodiversity) and Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events.	**Biodiversity:** Not Significant.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Air Quality: No significant cumulative effects predicted to occur with respect to air quality during construction or operation of this development.	**Air Quality:** Not applicable.	**Air Quality:** Not Significant.
		Climate: No significant cumulative effects predicted to occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate:** Not applicable.	**Climate:** Not Significant.
		Hydrology: Potential for cumulative impact due to removal of subsoils and/or contaminated soils on this development and the proposed Project. Potential for cumulative impact on site drainage and connection with the River Camac for example due to accidental pollution event during the construction and/or operation of this development on the river and hence potential impact on downstream habitats including River Liffey and Dublin Bay.	**Hydrology:** Identification of suitable disposal licenced sites for contaminated soil. Mitigation proposed to protect surface water quality at nearby watercourses including the River Camac during construction and operation of the proposed Project will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats	**Hydrology:** Not Significant.
		Hydrogeology: Potential for cumulative impact due to removal of subsoils and/or contaminated soils on both developments. Potential for cumulative impact on site drainage and connection with River Camac for example due to accidental pollution event/discharge to ground during the construction and/or operation of this development on the river and hence potential impact on downstream habitats including at River Liffey and Dublin Bay. Short-term dewatering effects possible where basement included. Potential nominal local reduction in recharge to ground.	**Hydrogeology:** Identification of suitable disposal licenced sites for contaminated soil or other for subsoils. Mitigation proposed to protect groundwater as well as surface water quality including the River Camac, during construction and operation of the proposed Project will prevent groundwater and/or surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Recharge to ground where feasible as part of SuDS.	**Hydrogeology:** Not Significant./Imperceptible.
		Soils & Geology: Potential for permanent additional soil loss from development site on outskirts of Dublin, west of route. Effect is likely to be low adverse (loss of an area of medium fertility/use soils).	**Soils & Geology:** No mitigation possible for loss of local soils given nature of development, depends on development of a soil reuse strategy.	**Soils & Geology:** Slight
		Land Take: None. The development area is outside of the proposed Project permanent and temporary land take boundaries.	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: Given the distance of this development from the proposed Project (approximately 11.1km west of the proposed Charlemont Station and alignment), no cumulative effects are predicted to occur with respect to infrastructure and utilities during construction or operation of this development.	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** None.
		Agronomy: No cumulative impacts predicted.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: No cumulative impacts predicted.	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No cumulative impacts predicted.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: Not Significant.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** Not Significant.
305534	The Skerries Road Partnership Strategic Housing Development Application for 165 no. residential units (117 no. houses, 48 no. apartments). Lands at Skerries Road, Palmer Road, Palmer Avenue and St Maur's Park, Rush, Co. Dublin	**Traffic & Transport:** No significant impact during construction. Population growth in the area included in model forecasts for Operational Phase	**Traffic & Transport:** Not applicable.	**Traffic & Transport:** Not Significant. during Construction Phase. Positive and Slight impact during Operational Phase.
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: Given the distance of this development from the proposed Project, no significant cumulative effects anticipated with respect to population and land use will arise during construction or operation of this development.	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** Not Significant.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** Imperceptible.
		Airborne Noise & Vibration: Projects sufficiently set back from each other such that no significant cumulative noise or vibration impacts are likely during the Construction Phase if both developments are under construction at the same time. There are no cumulative operational noise or vibration impacts	**Airborne Noise & Vibration:** Not applicable.	**Airborne Noise & Vibration:** Not Significant.
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity: There is no potential for significant cumulative impacts as the project is not hydrologically connected to any downstream European sites, and as no residual impacts were identified within an ecological impact assessment report for the project prepared by Openfield Ecological Services in 2019	**Biodiversity:** Not applicable.	**Biodiversity:** None.
		Air Quality: No significant cumulative effects predicted to occur with respect to air quality during construction or operation of this development.	**Air Quality:** Not applicable.	**Air Quality:** Not Significant.
		Climate: No significant cumulative effects predicted to occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate:** Not applicable.	**Climate:** Not Significant.
		Hydrology: No significant cumulative impacts	**Hydrology:** Not applicable.	**Hydrology:** None.
		Hydrogeology: Potential for local reduction in recharge to ground	**Hydrogeology:** Recharge to ground where feasible as part of SuDS.	**Hydrogeology:** Imperceptible.
		Soils & Geology: Potential for permanent additional soil loss from development site 6 km north east of route. Effect is likely to be low adverse (loss of an area of medium fertility/use soils).	**Soils & Geology:** No mitigation possible for loss of local soils given nature of development, depends on development of a soil reuse strategy.	**Soils & Geology:** Slight
		Land Take: None. The development area is outside of the proposed Project permanent and temporary land take boundaries.	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: Given the distance of this development from the proposed Project (approximately 9.9km north-east of the proposed Estuary Station and alignment), no cumulative effects are predicted to occur with respect to infrastructure and utilities during construction or operation of this development.	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** None.
		Agronomy: No cumulative impacts predicted.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: No cumulative impacts predicted.	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No cumulative impacts predicted.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: Not Significant.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** Not Significant.
305556	OBSF Limited Strategic Housing Development	**Traffic & Transport:** No significant impact during construction. Population growth in the area included in model forecasts for Operational Phase	**Traffic & Transport:** Not applicable.	**Traffic & Transport:** Not Significant. during Construction

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
	290 no. apartments comprising six blocks, creche and associated site works. Citywest Shopping Centre, Fortunestown, Dublin 24			Phase. Positive and Slight impact during Operational Phase.
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: Given the distance of this development from the proposed Project, no significant cumulative effects anticipated with respect to population and land use will arise during construction or operation of this development.	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** Not Significant.
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:**
		Airborne Noise & Vibration: Projects sufficiently set back from each other such that no significant cumulative noise or vibration impacts are likely during the Construction Phase if both developments are under construction at the same time. There are no cumulative operational noise or vibration impacts	**Airborne Noise & Vibration:** Not applicable.	**Airborne Noise & Vibration:** Not Significant.
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction and/or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss from extreme habitat degradation.	**Biodiversity**: Mitigation proposed in Chapter 15 (Biodiversity) and Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events.	**Biodiversity:** Not Significant.
		Air Quality: No significant cumulative effects predicted to occur with respect to air quality during construction or operation of this development.	**Air Quality:** Not applicable.	**Air Quality:** Not Significant.
		Climate: No significant cumulative effects predicted to occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate:** Not applicable.	**Climate:** Not Significant.
		Hydrology: Potential for cumulative impact due to removal of subsoils and/or contaminated soils on this development and the proposed Project. Potential for cumulative impact on site drainage and connection with the River Camac for example due to accidental pollution event during the construction and/or operation of this development on the river and hence potential impact on downstream habitats including Dublin Bay.	**Hydrology:** Identification of suitable disposal licenced sites for contaminated soil. Mitigation proposed to protect surface water quality at nearby watercourses including the River Camac during construction and operation of the proposed Project will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats	**Hydrology:** Not Significant.
		Hydrogeology: Potential for cumulative impact due to removal of subsoils and/or contaminated soils on both developments. Potential for cumulative impact on site drainage and connection with nearby River Camac and its tributaries for example due to accidental pollution event/discharge to ground during the construction and/or operation of this development on the river and hence potential impact on downstream habitats including Dublin Bay. Short-term dewatering effects possible where basement included. Potential nominal local reduction in recharge to ground.	**Hydrogeology:** Identification of suitable disposal licenced sites for contaminated soil or other for subsoils. Mitigation proposed to protect groundwater as well as surface water quality including the nearby River Camac and its tributaries during construction and operation of the proposed Project will prevent groundwater and/or surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Recharge to ground where feasible as part of SuDS.	**Hydrogeology:** Not Significant./Imperceptible.
		Soils & Geology: Potential for permanent additional soil loss from development site on outskirts of Dublin, west of route. Effect is likely to be low adverse (loss of an area of medium fertility/use soils).	**Soils & Geology:** No mitigation possible for loss of local soils given nature of development, depends on development of a soil reuse strategy.	**Soils & Geology:** Slight
		Land Take: None. The development area is outside of the proposed Project permanent and temporary land take boundaries.	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: Given the distance of this development from the proposed Project (approximately 12.2km south-west of the proposed Charlemont Station and alignment), no cumulative effects are predicted to occur with respect to infrastructure and utilities during construction or operation of this development.	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** None.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Agronomy: No cumulative impacts predicted.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: No cumulative impacts predicted.	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No cumulative impacts predicted.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: Not Significant.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** Not Significant.
305563	Greenacre Residential DAC Strategic Housing Development 488 no. apartments comprising five blocks, creche and associated site works. Fortunestown Lane, Saggart, Co. Dublin	**Traffic & Transport:** No significant impact during construction. Population growth in the area included in model forecasts for Operational Phase	**Traffic & Transport:** Not applicable.	**Traffic & Transport:** Not Significant. during Construction Phase. Positive and Slight impact during Operational Phase.
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: Given the distance of this development from the proposed Project, no significant cumulative effects anticipated with respect to population and land use will arise during construction or operation of this development.	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** Not Significant.
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** Imperceptible.
		Airborne Noise & Vibration: Projects sufficiently set back from each other such that no significant cumulative noise or vibration impacts are likely during the Construction Phase if both developments are under construction at the same time. There are no cumulative operational noise or vibration impacts	**Airborne Noise & Vibration:** Not applicable.	**Airborne Noise & Vibration:** Not Significant.
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction and/or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss from extreme habitat degradation.	**Biodiversity**: Mitigation proposed in Chapter 15 (Biodiversity) and Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events.	**Biodiversity:** Not Significant.
		Air Quality: No significant cumulative effects predicted to occur with respect to air quality during construction or operation of this development.	**Air Quality:** Not applicable.	**Air Quality:** Not Significant.
		Climate: No significant cumulative effects predicted to occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate:** Not applicable.	**Climate:** Not Significant.
		Hydrology: Potential for cumulative impact due to removal of subsoils and/or contaminated soils on this development and the proposed Project. Potential for cumulative impact on site drainage and connection with the River Camac for example due to accidental pollution event during the construction and/or operation of this development on the river and hence potential impact on downstream habitats including Dublin Bay.	**Hydrology:** Identification of suitable disposal licenced sites for contaminated soil. Mitigation proposed to protect surface water quality at nearby watercourses including the River Camac during construction and operation of the proposed Project will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats	**Hydrology:** Not Significant.
		Hydrogeology: Potential for cumulative impact due to removal of subsoils and/or contaminated soils on both developments. Potential for cumulative impact on site drainage and connection with nearby River Camac and its tributaries for example due to accidental pollution event/discharge to	**Hydrogeology:** Identification of suitable disposal licenced sites for contaminated soil or other for subsoils. Mitigation proposed to protect groundwater as well as surface water quality including the nearby River Camac and its tributaries during construction and operation of the	**Hydrogeology:** Not Significant./Imperceptible.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		ground during the construction and/or operation of this development on the river and hence potential impact on downstream habitats including Dublin Bay. Short-term dewatering effects possible where basement included. Potential nominal local reduction in recharge to ground.	proposed Project will prevent groundwater and/or surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Recharge to ground where feasible as part of SuDS.	
		Soils & Geology: Potential for permanent additional soil loss from development site on outskirts of Dublin, west of route. Effect is likely to be low adverse (loss of an area of medium fertility/use soils).	**Soils & Geology:** No mitigation possible for loss of local soils given nature of development, depends on development of a soil reuse strategy	**Soils & Geology:** Slight
		Land Take: None. The development area is outside of the proposed Project permanent and temporary land take boundaries.	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: Given the distance of this development from the proposed Project (approximately 12.8km south-west of the proposed Charlemont Station and alignment), no cumulative effects are predicted to occur with respect to infrastructure and utilities during construction or operation of this development.	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** None.
		Agronomy: No cumulative impacts predicted.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: No cumulative impacts predicted.	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No cumulative impacts predicted.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: Not Significant.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** Not Significant.
306074	Kimpton Vale Limited Strategic Housing Development 211 no. apartments comprising four blocks and all associated site works. Windmill, Porterstown, Clonsilla, Dublin 15	**Traffic & Transport:** No significant impact during construction. Population growth in the area included in model forecasts for Operational Phase	**Traffic & Transport:** Not applicable.	**Traffic & Transport:** Not Significant. during Construction Phase. Positive and Slight impact during Operational Phase.
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: Given the distance of this development from the proposed Project, no significant cumulative effects anticipated with respect to population and land use will arise during construction or operation of this development.	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** Not Significant.
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** Imperceptible.
		Airborne Noise & Vibration: Projects sufficiently set back from each other such that no significant cumulative noise or vibration impacts are likely during the Construction Phase if both developments are under construction at the same time. There are no cumulative operational noise or vibration impacts	**Airborne Noise & Vibration:** Not applicable.	**Airborne Noise & Vibration:** Not Significant.
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the s	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction and/or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss from extreme habitat degradation.	**Biodiversity**: Mitigation proposed in Chapter 15 (Biodiversity) and Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events.	**Biodiversity:** Not Significant.
		Air Quality: No significant cumulative effects predicted to occur with respect to air quality during construction or operation of this development.	**Air Quality:** Not applicable.	**Air Quality:** Not Significant.
		Climate:	**Climate:** Not applicable.	**Climate:** Not Significant.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		No significant cumulative effects predicted to occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.		
		Hydrology: Potential for cumulative impact due to removal of subsoils and/or contaminated soils on this development and the proposed Project. Potential for cumulative impact on site drainage and connection with the Tolka River and its tributaries for example due to accidental pollution event during the construction and/or operation of this development on the river and hence potential impact on downstream habitats including River Tolka Estuary and Dublin Bay.	**Hydrology:** Identification of suitable disposal licenced sites for contaminated soil. Mitigation proposed to protect surface water quality at nearby watercourses including the Tolka River and its tributaries during construction and operation of the proposed Project will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats	**Hydrology:** Not Significant.
		Hydrogeology: Potential for cumulative impact due to removal of subsoils and/or contaminated soils on both developments. Potential for cumulative impact on site drainage and connection with nearby Tolka River and its tributaries for example due to accidental pollution event/discharge to ground during the construction and/or operation of this development on the river and hence potential impact on downstream habitats including River Tolka Estuary and Dublin Bay. Short-term dewatering effects possible where basement included. Potential nominal local reduction in recharge to ground.	**Hydrogeology:** Identification of suitable disposal licenced sites for contaminated soil or other for subsoils. Mitigation proposed to protect groundwater as well as surface water quality including the nearby Tolka River and its tributaries during construction and operation of the proposed Project will prevent groundwater and/or surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Recharge to ground where feasible as part of SuDS.	**Hydrogeology:** Not Significant./Imperceptible.
		Soils & Geology: Cumulative impacts relating to soils and geology unlikely given distance from proposed Project, setting and nature of development	**Soils & Geology:** Not applicable.	**Soils & Geology:** None.
		Land Take: None. The development area is outside of the proposed Project permanent and temporary land take boundaries.	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: Given the distance of this development from the proposed Project (approximately 11.5km south-east of the proposed Swords Central Station and alignment), no cumulative effects are predicted to occur with respect to infrastructure and utilities during construction or operation of this development.	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** None.
		Agronomy: No cumulative impacts predicted.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: No cumulative impacts predicted.	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No cumulative impacts predicted.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: Not Significant.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** Not Significant.
306102	Atlas GP Limited Strategic Housing Development Demolition of structures on site, construction of 512 no. apartments comprising four blocks, childcare facility and associated site works. Former Techrete Site, Beshoff Motors and Garden Centre, Howth Road, Howth, Dublin 13	**Traffic & Transport:** No significant impact during construction. Population growth in the area included in model forecasts for Operational Phase	**Traffic & Transport:** Not applicable.	**Traffic & Transport:** Not Significant. during Construction Phase. Positive and Slight impact during Operational Phase.
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: Given the distance of this development from the proposed Project, no significant cumulative effects anticipated with respect to population and land use will arise during construction or operation of this development.	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** Not Significant.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** Imperceptible.
		Airborne Noise & Vibration: Projects sufficiently set back from each other such that no significant cumulative noise or vibration impacts are likely during the Construction Phase if both developments are under construction at the same time. There are no cumulative operational noise or vibration impacts	**Airborne Noise & Vibration:** Not applicable.	**Airborne Noise & Vibration:** Not Significant.
		Groundborne Noise & Vibration: N Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction and/or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss from extreme habitat degradation. Should the Construction Phases overlap there is potential for cumulative disturbance on fauna resulting in displacement from the locality	**Biodiversity**: Mitigation proposed in Chapter 15 (Biodiversity) and Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events. Mitigation proposed in Chapter 15 (Biodiversity) to reduce disturbance impacts on fauna species during the Construction Phase of the proposed Project will mitigate potential cumulative impacts on fauna species.	**Biodiversity:** Not Significant.
		Air Quality: No significant cumulative effects predicted to occur with respect to air quality during construction or operation of this development.	**Air Quality:** Not applicable.	**Air Quality:** Not Significant.
		Climate: No significant cumulative effects predicted to occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate:** Not applicable.	**Climate:** Not Significant.
		Hydrology: Potential for cumulative impact due to removal of subsoils and/or contaminated soils on this development and the proposed Project. Potential for cumulative impact on site drainage and connection with nearby water features due to accidental pollution event during the construction and/or operation of this development on surface water features and hence potential impact on downstream habitats including Baldoyle Estuary and Dublin Bay.	**Hydrology:** Identification of suitable disposal licenced sites for contaminated soil. Mitigation proposed to protect surface water quality at nearby watercourses during construction and operation of the proposed Project will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats	**Hydrology:** Not Significant./Imperceptible.
		Hydrogeology: Potential for cumulative impact due to removal of subsoils and/or contaminated soils on both developments. Potential for cumulative impact on site drainage and connection with nearby water features due to accidental pollution event/discharge to ground during the construction and/or operation of this development on surface water features and hence potential impact on downstream habitats including Baldoyle Estuary and Dublin Bay. Short-term dewatering effects possible where basement included. Potential nominal local reduction in recharge to ground.	**Hydrogeology:** Identification of suitable disposal licenced sites for contaminated soil or other for subsoils. Mitigation proposed to protect groundwater as well as surface water quality of nearby water features, during construction and operation of the proposed Project will prevent groundwater and/or surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Recharge to ground where feasible as part of SuDS.	**Hydrogeology:** Not Significant./Imperceptible.
		Soils & Geology: Cumulative impacts relating to soils and geology unlikely given distance from proposed Project, setting and nature of development	**Soils & Geology:** Not applicable.	**Soils & Geology:** None.
		Land Take: None. The development site is approximately 11.5km south-east of the proposed Project alignment and is outside of the proposed permanent and temporary land take boundaries.	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: Given the distance of this development from the proposed Project (approximately 11.5km south-east of the proposed Swords Central Station and alignment), no cumulative effects are predicted to occur with respect to infrastructure and utilities during construction or operation of this development.	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** None.
		Agronomy: No cumulative impacts predicted.	**Agronomy:** Not applicable.	**Agronomy:** None.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: No cumulative impacts predicted.	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No cumulative impacts predicted.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: Not Significant.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** Not Significant.
306160	Declan Taite & Anne O'Dwyer Strategic Housing Development Demolition of 'Greenmount' and 'Dun Oir', construction of 197 no. residential units (62 no. houses, 135 no. apartments comprising seven blocks and 20 no. duplex apartments comprised of four blocks) and associated site works. Glenamuck Road, Enniskerry Road, Kiltiernan, Dublin 18	**Traffic & Transport:** No significant impact during construction. Population growth in the area included in model forecasts for Operational Phase	**Traffic & Transport:** Not applicable.	**Traffic & Transport:** Not Significant. during Construction Phase. Positive and Slight impact during Operational Phase.
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: Given the distance of this development from the proposed Project, no significant cumulative effects anticipated with respect to population and land use will arise during construction or operation of this development.	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** Not Significant.
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** Imperceptible.
		Airborne Noise & Vibration: Projects sufficiently set back from each other such that no significant cumulative noise or vibration impacts are likely during the Construction Phase if both developments are under construction at the same time. There are no cumulative operational noise or vibration impacts.	**Airborne Noise & Vibration:** Not applicable.	**Airborne Noise & Vibration:** Not Significant.
		Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity: The AA Screening report prepared by BEC Consultants concluded that there was no possibility of likely significant effects on any European sites arising from the project on its own or in-combination with other plans or projects.	**Biodiversity:** Not applicable.	**Biodiversity:** None.
		Air Quality: No significant cumulative effects predicted to occur with respect to air quality during construction or operation of this development.	**Air Quality:** Not applicable.	**Air Quality:** Not Significant.
		Climate: No significant cumulative effects predicted to occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate:** Not applicable.	**Climate:** Not Significant.
		Hydrology: No significant cumulative impacts	**Hydrology:** Not applicable.	**Hydrology:** None.
		Hydrogeology: Potential for local reduction in recharge to ground	**Hydrogeology:** Recharge to ground where feasible as part of SuDS; Identification of suitable disposal routes for subsoils and/or licenced sites for contaminated soil	**Hydrogeology:** Imperceptible.
		Soils & Geology: Potential for permanent additional soil loss from development site south of Dublin, west of route. Effect is likely to be low adverse (loss of an area of medium fertility/use soils).	**Soils & Geology:** No mitigation possible for loss of local soils given nature of development, depends on development of a soil reuse strategy.	**Soils & Geology:** Slight
		Land Take: None. The development area is outside of the proposed Project permanent and temporary land take boundaries.	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: Given the distance of this development from the proposed Project (approximately 10.3km south-east of the proposed Charlemont Station and alignment), no cumulative effects are predicted to occur with respect to infrastructure and utilities during construction or operation of this development.	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** None.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Agronomy: No cumulative impacts predicted.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: No cumulative impacts predicted.	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No cumulative impacts predicted.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: Not Significant.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** Not Significant.
306167	Ballymore Property Developments Limited Strategic Housing Development 435 no. apartments comprising five blocks and associated site works. Ratoath Road and Hamilton View, Pelletstown, Dublin 11	**Traffic & Transport:** No significant impact during construction. Population growth in the area included in model forecasts for Operational Phase	**Traffic & Transport:** Not applicable.	**Traffic & Transport:** Not Significant. during Construction Phase. Positive and Slight impact during Operational Phase.
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: Given the distance of this development from the proposed Project, no significant cumulative effects anticipated with respect to population and land use will arise during construction or operation of this development.	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** Not Significant.
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** Imperceptible.
		Airborne Noise & Vibration: Projects sufficiently set back from each other such that no significant cumulative noise or vibration impacts are likely during the Construction Phase if both developments are under construction at the same time. There are no cumulative operational noise or vibration impacts.	**Airborne Noise & Vibration:** Not applicable.	**Airborne Noise & Vibration:** Not Significant.
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction and/or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss from extreme habitat degradation. Should the Construction Phases overlap there is potential for cumulative disturbance on fauna resulting in displacement from the locality	**Biodiversity**: Mitigation proposed in Chapter 15 (Biodiversity) and Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events. Mitigation proposed in this EIAR to reduce disturbance impacts on fauna species during the Construction Phase of the proposed Project will mitigate potential cumulative impacts on fauna species.	**Biodiversity:** Not Significant.
		Air Quality: No significant cumulative effects predicted to occur with respect to air quality during construction or operation of this development.	**Air Quality:** Not applicable.	**Air Quality:** Not Significant.
		Climate: No significant cumulative effects predicted to occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate:** Not applicable.	**Climate:** Not Significant.
		Hydrology: Potential for cumulative impact due to removal of subsoils and/or contaminated soils on this development and the proposed Project. Potential for cumulative impact on site drainage and connection with the Tolka River in the wider area for example due to accidental pollution event during the construction and/or operation of this development on the river and hence potential impact on downstream habitats including River Tolka Estuary and Dublin Bay.	**Hydrology:** Identification of suitable disposal licenced sites for contaminated soil. Mitigation proposed to protect surface water quality at nearby watercourses including the Tolka River during construction and operation of the proposed Project will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats	**Hydrology:** Not Significant.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Hydrogeology: Potential for cumulative impact due to removal of subsoils and/or contaminated soils on both developments. Potential for cumulative impact on site drainage and connection with the Tolka River in the wider area for example due to accidental pollution event/discharge to ground during the construction and/or operation of this development on the river and hence potential impact on downstream habitats including River Tolka Estuary and Dublin Bay. Short-term dewatering effects possible where basement included. Potential nominal local reduction in recharge to ground.	**Hydrogeology:** Identification of suitable disposal licenced sites for contaminated soil or other for subsoils. Mitigation proposed to protect groundwater as well as surface water quality including the Tolka River, during construction and operation of the proposed Project will prevent groundwater and/or surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Recharge to ground where feasible as part of SuDS.	**Hydrogeology:** Not Significant./Imperceptible.
		Soils & Geology: Cumulative impacts relating to soils and geology unlikely given distance from proposed Project, setting and nature of development	**Soils & Geology:** Not applicable.	**Soils & Geology:** None.
		Land Take: None. The development site is approximately 2.7km west of the proposed Project alignment and is outside of the proposed permanent and temporary land take boundaries.	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: No cumulative effects predicted to occur with respect to infrastructure and utilities during construction or operation of this development.	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** None.
		Agronomy: No cumulative impacts predicted.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: No cumulative impacts predicted.	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No cumulative impacts predicted.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: Not Significant.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** Not Significant.
306182	Chilldale Limited Strategic Housing Development Demolition of existing structures, construction of 130 no. houses, creche and associated site works. Rowlestown, Church Road and Rowlestown Drive, Rowlestown East, Rowlestown, Co. Dublin	**Traffic & Transport:** No significant impact during construction. Population growth in the area included in model forecasts for Operational Phase	**Traffic & Transport:** Not applicable.	**Traffic & Transport:** Not Significant. during Construction Phase. Positive and Slight impact during Operational Phase.
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: Given the distance of this development from the proposed Project, no significant cumulative effects anticipated with respect to population and land use will arise during construction or operation of this development.	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** Not Significant.
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** Imperceptible.
		Airborne Noise & Vibration: Projects sufficiently set back from each other such that no significant cumulative noise or vibration impacts are likely during the Construction Phase if both developments are under construction at the same time. There are no cumulative operational noise or vibration impacts.	**Airborne Noise & Vibration:** Not applicable.	**Airborne Noise & Vibration:** Not Significant.
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction and/or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss from extreme habitat degradation.	**Biodiversity**: Mitigation proposed in Chapter 15 (Biodiversity) and Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events.	**Biodiversity:** Not Significant.
		Air Quality: No significant cumulative effects predicted to occur with respect to air quality during construction or operation of this development.	**Air Quality:** Not applicable.	**Air Quality:** Not Significant.
		Climate:	**Climate:** Not applicable.	**Climate:** Not Significant.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		No significant cumulative effects predicted to occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.		
		Hydrology: Potential for cumulative impact due to removal of subsoils and/or contaminated soils on this development and the proposed Project. Potential for cumulative impact on site drainage and connection with the Broadmeadow River and its tributaries in the wider area for example due to accidental pollution event during the construction and/or operation of this development on the river and hence potential impact on downstream habitats including Malahide Estuary.	**Hydrology:** Identification of suitable disposal licenced sites for contaminated soil. Mitigation proposed to protect surface water quality at nearby watercourses including the Broadmeadow River and its tributaries in the wider area during construction and operation of the proposed Project will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats	**Hydrology:** Not Significant.
		Hydrogeology: Potential for cumulative impact due to removal of subsoils and/or contaminated soils on both developments. Potential for cumulative impact on site drainage and connection with the Broadmeadow River and its tributaries in the wider area for example due to accidental pollution event/discharge to ground during the construction and/or operation of this development on the river and hence potential impact on downstream habitats including Malahide Estuary. Potential nominal local reduction in recharge to ground.	**Hydrogeology:** Identification of suitable disposal licenced sites for contaminated soil or other for subsoils. Mitigation proposed to protect groundwater as well as surface water quality including the Broadmeadow River and its tributaries in the wider area, during construction and operation of the proposed Project will prevent groundwater and/or surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Recharge to ground where feasible as part of SuDS.	**Hydrogeology:** Not Significant./Imperceptible.
		Soils & Geology: Potential for permanent additional soil loss from development site to west of Swords, west of route. Effect is likely to be low adverse (loss of an area of medium fertility/use soils).	**Soils & Geology:** No mitigation possible for loss of local soils given nature of development, depends on development of a soil reuse strategy.	**Soils & Geology:** Slight
		Land Take: None. The development area is outside of the proposed Project permanent and temporary land take boundaries.	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: Given the distance of this development from the proposed Project (approximately 6.1km north-west of the proposed Estuary Station and alignment), no cumulative effects are predicted to occur with respect to infrastructure and utilities during construction or operation of this development.	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** None.
		Agronomy: No cumulative impacts predicted.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: No cumulative impacts predicted.	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No cumulative impacts predicted.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: Not Significant.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** Not Significant.
306602	Glenveagh Homes Limited Strategic Housing Development 463 no. residential units (89 no. houses, 353 no. apartments comprising seven blocks, 21 no. duplex apartments in two blocks), creche and associated site works.	**Traffic & Transport:** No significant impact during construction. Population growth in the area included in model forecasts for Operational Phase	**Traffic & Transport:** Not applicable.	**Traffic & Transport:** Not Significant. during Construction Phase. Positive and Slight impact during Operational Phase.
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: Given the distance of this development from the proposed Project, no significant cumulative effects anticipated with respect to population and land use will arise during construction or operation of this development.	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** Not Significant.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
	Citywest Road and Magna Drive, Fortunestown, Citywest, Dublin 24	**Electromagnetic Interference:** No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** Imperceptible.
		Airborne Noise & Vibration: Projects sufficiently set back from each other such that no significant cumulative noise or vibration impacts are likely during the Construction Phase if both developments are under construction at the same time. There are no cumulative operational noise or vibration impacts.	**Airborne Noise & Vibration:** Not applicable.	**Airborne Noise & Vibration:** Not Significant.
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction and/or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss from extreme habitat degradation.	**Biodiversity**: Mitigation proposed in Chapter 15 (Biodiversity) and Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events.	**Biodiversity:** Not Significant.
		Air Quality: No significant cumulative effects predicted to occur with respect to air quality during construction or operation of this development.	**Air Quality:** Not applicable.	**Air Quality:** Not Significant.
		Climate: No significant cumulative effects predicted to occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate:** Not applicable.	**Climate:** Not Significant.
		Hydrology: Potential for cumulative impact due to removal of subsoils and/or contaminated soils on this development and the proposed Project. Potential for cumulative impact on site drainage and connection with the River Camac for example due to accidental pollution event during the construction and/or operation of this development on the river and hence potential impact on downstream habitats including Dublin Bay.	**Hydrology:** Identification of suitable disposal licenced sites for contaminated soil. Mitigation proposed to protect surface water quality at nearby watercourses including the River Camac during construction and operation of the proposed Project will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats	**Hydrology:** Not Significant.
		Hydrogeology: Potential for cumulative impact due to removal of subsoils and/or contaminated soils on both developments. Potential for cumulative impact on site drainage and connection with nearby River Camac and its tributaries for example due to accidental pollution event/discharge to ground during the construction and/or operation of this development on nearby watercourses and hence potential impact on downstream habitats including Dublin Bay. Short-term dewatering effects possible where basement included. Potential nominal local reduction in recharge to ground.	**Hydrogeology:** Identification of suitable disposal licenced sites for contaminated soil or other for subsoils. Mitigation proposed to protect groundwater as well as surface water quality including the nearby River Camac and its tributaries during construction and operation of the proposed Project will prevent groundwater and/or surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Recharge to ground where feasible as part of SuDS.	**Hydrogeology:** Not Significant./Imperceptible.
		Soils & Geology: Cumulative impacts relating to soils and geology unlikely given distance from proposed Project, setting and nature of development	**Soils & Geology:** Not applicable.	**Soils & Geology:** None.
		Land Take: None. The development area is outside of the proposed Project permanent and temporary land take boundaries.	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: Given the distance of this development from the proposed Project (approximately 12.1km south-west of the proposed Charlemont Station and alignment), no cumulative effects are predicted to occur with respect to infrastructure and utilities during construction or operation of this development.	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** None.
		Agronomy: No cumulative impacts predicted.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Archaeology & Cultural Heritage: No cumulative impacts predicted.	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No cumulative impacts predicted.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: Not Significant.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** Not Significant.
306705	Greenleaf Homes Limited Strategic Housing Development 502 no. apartments comprising six blocks with a creche and all associated site works. Former Gallaher's cigarette factory site at the junction of Airton Road & Greenhills Road, Tallaght, Dublin 24	**Traffic & Transport:** No significant impact during construction. Population growth in the area included in model forecasts for Operational Phase	**Traffic & Transport:**	**Traffic & Transport:** Not Significant. during Construction Phase. Positive and Slight impact during Operational Phase.
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: Given the distance of this development from the proposed Project, no significant cumulative effects anticipated with respect to population and land use will arise during construction or operation of this development.	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** Not Significant.
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** Imperceptible.
		Airborne Noise & Vibration: Projects sufficiently set back from each other such that no significant cumulative noise or vibration impacts are likely during the Construction Phase if both developments are under construction at the same time. There are no cumulative operational noise or vibration impacts.	**Airborne Noise & Vibration:** Not applicable.	**Airborne Noise & Vibration:** Not Significant.
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction and/or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss from extreme habitat degradation.	**Biodiversity**: Mitigation proposed in Chapter 15 (Biodiversity) and Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events.	**Biodiversity:** Not Significant.
		Air Quality: No significant cumulative effects predicted to occur with respect to air quality during construction or operation of this development.	**Air Quality:** Not applicable.	**Air Quality:** Not Significant.
		Climate: No significant cumulative effects predicted to occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate:** Not applicable.	**Climate:** Not Significant.
		Hydrology: Potential for cumulative impact due to removal of subsoils and/or contaminated soils on this development and the proposed Project. Potential for cumulative impact on site drainage and connection with the Jobstown Stream/River Dodder and tributaries thereof for example due to accidental pollution event during the construction and/or operation of this development on the river and hence potential impact on downstream habitats including Dublin Bay.	**Hydrology:** Identification of suitable disposal licenced sites for contaminated soil. Mitigation proposed to protect surface water quality at nearby watercourses including the Jobstown Stream/River Dodder and tributaries thereof during construction and operation of the proposed Project will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats	**Hydrology:** Not Significant.
		Hydrogeology: Potential for cumulative impact due to removal of subsoils and/or contaminated soils on both developments. Potential for cumulative impact on site drainage and connection with the Jobstown Stream/River Dodder and tributaries thereof for example due to accidental pollution event/discharge to ground during the construction and/or operation of this development on the river and hence potential impact on downstream habitats including Dublin Bay. Short-term dewatering effects possible where basement included. Potential nominal local reduction in recharge to ground.	**Hydrogeology:** Identification of suitable disposal licenced sites for contaminated soil or other for subsoils. Mitigation proposed to protect groundwater as well as surface water quality including the Jobstown Stream/River Dodder and tributaries thereof and its tributaries during construction and operation of the proposed Project will prevent groundwater and/or surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Recharge to ground where feasible as part of SuDS.	**Hydrogeology:** Not Significant./Imperceptible.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Soils & Geology: Cumulative impacts relating to soils and geology unlikely given distance from proposed Project, setting and nature of development	**Soils & Geology:** Not applicable.	**Soils & Geology:** None.
		Land Take: None. The development area is outside of the proposed Project permanent and temporary land take boundaries.	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: Given the distance of this development from the proposed Project (approximately 7.6km south-west of the proposed Charlemont Station and alignment), no cumulative effects are predicted to occur with respect to infrastructure and utilities during construction or operation of this development.	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** None.
		Agronomy: No cumulative impacts predicted.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: No cumulative impacts predicted.	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No cumulative impacts predicted.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: Not Significant.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** Not Significant.
306721	Roseberry Investments Limited Strategic Housing Development 124 no. apartments comprising two blocks and all associated site works. Lands at Bonnington Hotel, Swords Road, Whitehall, Dublin 9	**Traffic & Transport:** No significant impact	**Traffic & Transport:** Not applicable.	**Traffic & Transport:** Not Significant.
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: With no significant cumulative environmental or traffic / transport related effects identified, no significant adverse cumulative effects anticipated with respect to population and land use will arise during construction or operation of this development. The construction of both projects will increase construction employment opportunities and may boost the positive direct and indirect economic effects associated with these projects in the local area.	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** Not Significant.
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference: Imperceptible.**
		Airborne Noise & Vibration: Projects sufficiently set back from each other such that no significant cumulative noise or vibration impacts are likely during the Construction Phase if both developments are under construction at the same time. There are no cumulative operational noise or vibration impacts.	**Airborne Noise & Vibration:** Not applicable.	**Airborne Noise & Vibration:** Not Significant.
		Groundborne Noise & Vibration: N Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction and/or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss from extreme habitat degradation.	**Biodiversity**: Mitigation proposed in Chapter 15 (Biodiversity) and Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events.	**Biodiversity:** Not Significant.
		Air Quality: No significant cumulative effects predicted to occur with respect to air quality during construction or operation of this development.	**Air Quality:** Not applicable.	**Air Quality:** Not Significant.
		Climate: No significant cumulative effects predicted to occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has	**Climate:** Not applicable.	**Climate:** Not Significant.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.		
		Hydrology: Potential for cumulative impact due to removal of subsoils and/or contaminated soils on this development and the proposed Project. Potential for cumulative impact on site drainage and connection with the Tolka River for example due to accidental pollution event during the construction and/or operation of this development on the river and hence potential impact on downstream habitats including Dublin Bay.	**Hydrology:** Identification of suitable disposal licenced sites for contaminated soil. Mitigation proposed to protect surface water quality at nearby watercourses including the Tolka River during construction and operation of the proposed Project will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats	**Hydrology:** Not Significant.
		Hydrogeology: Potential for cumulative impact due to removal of subsoils and/or contaminated soils on both developments. Potential for cumulative impact on site drainage and connection with nearby Tolka River and its tributaries for example due to accidental pollution event/discharge to ground during the construction and/or operation of this development on the river and hence potential impact on downstream habitats including Dublin Bay. Short-term dewatering effects possible where basement included. Potential nominal local reduction in recharge to ground.	**Hydrogeology:** Identification of suitable disposal licenced sites for contaminated soil or other for subsoils. Mitigation proposed to protect groundwater as well as surface water quality including the nearby Tolka River and its tributaries during construction and operation of the proposed Project will prevent groundwater and/or surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Recharge to ground where feasible as part of SuDS.	**Hydrogeology:** Not Significant.
		Soils & Geology: Cumulative impacts relating to soils and geology unlikely given distance from proposed Project, setting and nature of development	**Soils & Geology:** Not applicable.	**Soils & Geology:** None.
		Land Take: None. The development area is outside of the proposed Project permanent and temporary land take boundaries and is not continuous with any land take parcels.	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: No cumulative effects predicted to occur with respect to infrastructure and utilities during construction or operation of this development.	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** None.
		Agronomy: No cumulative impacts predicted.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: No cumulative impacts predicted.	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No cumulative impacts predicted.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: Not Significant.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** Not Significant.
306778	EWR Innovation Park Limited Strategic Housing Development Demolition of existing buildings, construction of 336 no. apartments comprising six blocks, childcare facilities and associated site works. Docklands Innovation Park, 128-130 East Wall Road, Dublin 3	**Traffic & Transport:** No significant impact	**Traffic & Transport:** Not applicable.	**Traffic & Transport:** Not Significant.
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: Given the distance of this development from the proposed Project, no significant adverse cumulative effects anticipated with respect to population and land use will arise during construction or operation of this development. The construction of both projects will increase construction employment opportunities and may boost the positive direct and indirect economic effects associated with these projects in the local area.	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** Not Significant.
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** Imperceptible.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Airborne Noise & Vibration: Projects sufficiently set back from each other such that no significant cumulative noise or vibration impacts are likely during the Construction Phase if both developments are under construction at the same time. There are no cumulative operational noise or vibration impacts.	**Airborne Noise & Vibration:** Not applicable.	**Airborne Noise & Vibration:** Not Significant.
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction and/or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss from extreme habitat degradation.	**Biodiversity**: Mitigation proposed in Chapter 15 (Biodiversity) and Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events.	**Biodiversity:** Not Significant.
		Air Quality: No significant cumulative effects predicted to occur with respect to air quality during construction or operation of this development.	**Air Quality:** Not applicable.	**Air Quality:** Not Significant.
		Climate: No significant cumulative effects predicted to occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate:** Not applicable.	**Climate:** Not Significant.
		Hydrology: Potential for cumulative impact due to removal of subsoils and/or contaminated soils on this development and the proposed Project. Potential for cumulative impact on site drainage and connection with the River Liffey to the south for example due to accidental pollution event during the construction and/or operation of this development on the river and hence potential impact on downstream habitats including Dublin Bay (and River Tolka Estuary)	**Hydrology:** Identification of suitable disposal licenced sites for contaminated soil. Mitigation proposed to protect surface water quality at nearby watercourses including the River Liffey during construction and operation of the proposed Project will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats	**Hydrology:** Not Significant.
		Hydrogeology: Potential for cumulative impact due to removal of subsoils and/or contaminated soils on both developments. Potential for cumulative impact on site drainage and connection with nearby River Liffey to the south for example due to accidental pollution event/discharge to ground during the construction and/or operation of this development on the river and hence potential impact on downstream habitats including Dublin Bay (and River Tolka Estuary) Short-term dewatering effects possible where basement included. Potential nominal local reduction in recharge to ground.	**Hydrogeology:** Identification of suitable disposal licenced sites for contaminated soil or other for subsoils. Mitigation proposed to protect groundwater as well as surface water quality including the nearby River Liffey and its tributaries during construction and operation of the proposed Project will prevent groundwater and/or surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Recharge to ground where feasible as part of SuDS.	**Hydrogeology:** Not Significant.
		Soils & Geology: Cumulative impacts relating to soils and geology unlikely given distance from proposed Project, setting and nature of development	**Soils & Geology:** Not applicable.	**Soils & Geology:** None.
		Land Take: None. The development area is outside of the proposed Project permanent and temporary land take boundaries.	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: Given the distance of this development from the proposed Project (approximately 1.9km north-east of the proposed Tara Station and alignment), no cumulative effects are predicted to occur with respect to infrastructure and utilities during construction or operation of this development.	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** None.
		Agronomy: No cumulative impacts predicted.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: No cumulative impacts predicted.	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No cumulative impacts predicted.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: Not Significant.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** Not Significant.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
306794	Elchoir Construction Limited Strategic Housing Development 144 no. apartments comprising three blocks and associated site works. Lands adjacent to the existing residential development known as 'The Gallery', Turvey Walk, off Turvey Avenue, To the west of Donabate Train Station, Donabate, Co. Dublin	**Traffic & Transport:** No significant impact during construction. Population growth in the area included in model forecasts for Operational Phase	**Traffic & Transport:** Not applicable.	**Traffic & Transport:** Not Significant. during Construction Phase. Positive and Slight impact during Operational Phase.
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: Given the distance of this development from the proposed Project, no significant cumulative effects anticipated with respect to population and land use will arise during construction or operation of this development.	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** Not Significant.
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** Imperceptible.
		Airborne Noise & Vibration: Projects sufficiently set back from each other such that no significant cumulative noise or vibration impacts are likely during the Construction Phase if both developments are under construction at the same time. There are no cumulative operational noise or vibration impacts.	**Airborne Noise & Vibration:** Not applicable.	**Airborne Noise & Vibration:** Not Significant.
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction and/or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss from extreme habitat degradation.	**Biodiversity**: Mitigation proposed in Chapter 15 (Biodiversity) and Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events.	**Biodiversity:** Not Significant.
		Air Quality: No significant cumulative effects predicted to occur with respect to air quality during construction or operation of this development.	**Air Quality:** Not applicable.	**Air Quality:** Not Significant.
		Climate: No significant cumulative effects predicted to occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate:** Not applicable.	**Climate:** Not Significant.
		Hydrology: Potential for cumulative impact due to removal of contaminated soils on both developments. There would be the potential for runoff of contaminated soil to impact surface water quality of nearby surface waterbodies, in the absence of any mitigation. Potential for impact on site drainage and connection with Turvey River for example. Potential for cumulative impact due to accidental pollution event during the construction and/or operation of this development on the Turvey River/other tributaries for example and hence potential impact on downstream habitats including Malahide Estuary.	**Hydrology:** Identification of suitable disposal licenced sites for contaminated soil. Construct in line with outline CEMP. Mitigation proposed to protect surface water quality at nearby watercourses/tributaries to same including the Turvey River/tributaries during construction and operation of the proposed Project will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats.	**Hydrology:** Not Significant.
		Hydrogeology: Potential for local reduction in recharge to ground. Potential for cumulative impact due to removal of contaminated soils on both developments. Potential for cumulative impact due to accidental pollution/discharge to ground event during the construction and/or operation of this development on the Turvey River/other tributaries for example where groundwater discharges to these surface water features and hence potential impact on downstream habitats including Malahide Estuary.	**Hydrogeology:** Recharge to ground where feasible as part of SuDS. Construct in line with outline CEMP. Identification of suitable disposal licenced sites for contaminated soil. Mitigation proposed to protect local groundwater as well as surface water quality at nearby watercourses/tributaries to same including the Turvey River, during construction and operation of the proposed Project, will prevent groundwater and surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats.	**Hydrogeology:** Not Significant.
		Soils & Geology: Cumulative impacts relating to soils and geology unlikely given distance from proposed Project, setting and nature of development	**Soils & Geology:** Not applicable.	**Soils & Geology:** None.
		Land Take: None. The development area is outside of the proposed Project permanent and temporary land take boundaries.	**Land Take:** Not applicable.	**Land Take:** None.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Infrastructure & Utilities: Given the distance of this development from the proposed Project (approximately 4.2km north-east of the proposed Estuary Station and alignment), no cumulative effects are predicted to occur with respect to infrastructure and utilities during construction or operation of this development.	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** None.
		Agronomy: No cumulative impacts predicted.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: No cumulative impacts predicted.	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No cumulative impacts predicted.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: Not Significant.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** Not Significant.
306837	Trinity College Dublin Strategic Housing Development Demolition of existing structures within the curtilage of Greenane House (a protected structure), construction of 4 no. apartments, 358 no. student accommodation bedspaces comprising four blocks and associated site works. Cunningham House, Trinity Hall, Dartry, Dublin 6	**Traffic & Transport:** No significant impact during construction. Population growth in the area included in model forecasts for Operational Phase	**Traffic & Transport:** Not applicable.	**Traffic & Transport:** Not Significant. during Construction Phase. Positive and Slight impact during Operational Phase.
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: Given the distance of this development from the proposed Project, no significant adverse cumulative effects anticipated with respect to population and land use will arise during construction or operation of this development. The construction of both projects will increase construction employment opportunities and may boost the positive direct and indirect economic effects associated with these projects in the local area.	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** Not Significant.
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** Imperceptible.
		Airborne Noise & Vibration: Projects sufficiently set back from each other such that no significant cumulative noise or vibration impacts are likely during the Construction Phase if both developments are under construction at the same time. There are no cumulative operational noise or vibration impacts.	**Airborne Noise & Vibration:** Not applicable.	**Airborne Noise & Vibration:** Not Significant.
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction and/or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss from extreme habitat degradation.	**Biodiversity**: Mitigation proposed in Chapter 15 (Biodiversity) and Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events.	**Biodiversity:** Not Significant.
		Air Quality: No significant cumulative effects predicted to occur with respect to air quality during construction or operation of this development.	**Air Quality:** Not applicable.	**Air Quality:** Not Significant.
		Climate: No significant cumulative effects predicted to occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate:** Not applicable.	**Climate:** Not Significant.
		Hydrology: Potential for cumulative impact due to removal of contaminated soils on both this development and the proposed Project. Potential for impact on site drainage and connection with Dodder River for example.	**Hydrology:** Identification of suitable disposal licenced sites for contaminated soil. Construct in line with outline CEMP.	**Hydrology:** Not Significant.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Potential for cumulative impact due to accidental pollution event during the construction and/or operation of this development on the Dodder River for example and hence potential impact on downstream habitats including at Dublin Bay.	Mitigation proposed to protect surface water quality at nearby watercourses/tributaries to same, including the Dodder River during construction and operation of the proposed Project, will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats.	
		Hydrogeology: Potential for cumulative impact due to removal of contaminated soils on both this development and the proposed Project. Potential for cumulative impact due to accidental pollution event on the Dodder River for example and hence potential impact on downstream habitats including at Dublin Bay; potential for accidental discharge to ground.	**Hydrogeology:** Identification of suitable disposal licenced sites for contaminated soil. Mitigation proposed to protect groundwater as well as surface water quality at nearby watercourses/tributaries to same including the Dodder River during construction and operation of the proposed Project will prevent groundwater and surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats.	**Hydrogeology:** Not Significant./Imperceptible.
		Soils & Geology: Cumulative impacts relating to soils and geology unlikely given distance from proposed Project, setting and nature of development	**Soils & Geology:** Not applicable.	**Soils & Geology:** None.
		Land Take: None. The development area is outside of the proposed Project permanent and temporary land take boundaries and is not continuous with any land take parcels.	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: Given the distance of this development from the proposed Project (approximately 1.7km south-west of the proposed Charlemont Station and alignment), no significant cumulative effects anticipated with respect to infrastructure and utilities will arise during construction or operation of this development.	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** None.
		Agronomy: No cumulative impacts predicted.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: Impacts to potential archaeological deposits. Cumulative impact on archaeological heritage of Dublin but not considered significant	**Archaeology & Cultural Heritage:** Proposed mitigation within this EIAR is sufficient to manage the cumulative impact	**Archaeology & Cultural Heritage:** Not Significant
		Architectural Heritage: No cumulative impacts predicted.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: Not Significant.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** Not Significant.
306949	Lulani Dalguise Limited Strategic Housing Development Demolition of existing dwelling and other structures, conversion of Dalguise House to 2 no. houses, construction of 298 no. residential units (22 no. houses, 276 no. apartments comprising eight blocks), creche and associated site works. Dalguise House (a protected structure). Monkstown Road, Monkstown, Blackrock, Co. Dublin	**Traffic & Transport:** No significant impact during construction. Population growth in the area included in model forecasts for Operational Phase	**Traffic & Transport:**	**Traffic & Transport:** Not Significant. during Construction Phase. Positive and Slight impact during Operational Phase.
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: Given the distance of this development from the proposed Project, no significant cumulative effects anticipated with respect to population and land use will arise during construction or operation of this development.	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** Not Significant.
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** Imperceptible.
		Airborne Noise & Vibration: Projects sufficiently set back from each other such that no significant cumulative noise or vibration impacts are likely during the Construction Phase if both developments are under construction at the same time. There are no cumulative operational noise or vibration impacts.	**Airborne Noise & Vibration:** Not applicable.	**Airborne Noise & Vibration:** Not Significant.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction and/or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss from extreme habitat degradation.	**Biodiversity**: Mitigation proposed in Chapter 15 (Biodiversity) and Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events.	**Biodiversity:** Not Significant.
		Air Quality: No significant cumulative effects predicted to occur with respect to air quality during construction or operation of this development	**Air Quality:** Not applicable.	**Air Quality:** Not Significant.
		Climate: No significant cumulative effects predicted to occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate:** Not applicable.	**Climate:** Not Significant.
		Hydrology: Potential for cumulative impact due to removal of contaminated soils on both this development and the proposed Project. Potential for impact on site drainage and connection with watercourses discharging to Dublin Bay Potential for cumulative impact due to accidental pollution event during the construction and/or operation of this development on nearby watercourses for example and hence potential impact on downstream habitats including at Dublin Bay.	**Hydrology:** Identification of suitable disposal licenced sites for contaminated soil. Construct in line with outline CEMP. Mitigation proposed to protect surface water quality at nearby water features including Dublin Bay during construction and operation of the proposed Project, will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats.	**Hydrology:** Not Significant.
		Hydrogeology: Potential for cumulative impact due to removal of contaminated soils on both this development and the proposed Project. Potential for cumulative impact due to accidental pollution event/discharge to ground on nearby water features for example and hence potential impact on downstream habitats including at Dublin Bay.	**Hydrogeology:** Identification of suitable disposal licenced sites for contaminated soil. Mitigation proposed to protect groundwater as well as surface water quality at nearby watercourses including Dublin Bay during construction and operation of the proposed Project will prevent groundwater and surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats.	**Hydrogeology:** Not Significant.
		Soils & Geology: Cumulative impacts relating to soils and geology unlikely given distance from proposed Project, setting and nature of development.	**Soils & Geology:** Not applicable.	**Soils & Geology:** None.
		Land Take: None. The development area is outside of the proposed Project permanent and temporary land take boundaries.	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: Given the distance of this development from the proposed Project (approximately 7.6 km south-east of the proposed Charlemont Station and alignment), no cumulative effects are predicted to occur with respect to infrastructure and utilities during construction or operation of this development.	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** None.
		Agronomy: No cumulative impacts predicted.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: No cumulative impacts predicted.	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No cumulative impacts predicted.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: Not Significant.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** Not Significant.
307011	Omni Park Shopping Centre Consortium Strategic Housing Development Demolition of existing structures, construction of 324 no.	**Traffic & Transport:** No significant impact	**Traffic & Transport:** Not applicable.	**Traffic & Transport:** Not Significant.
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
	apartments comprising three blocks, creche and associated site works. Lands to the northeast of Omni Park Shopping Centre including vacant warehouse, Swords Road, Santry, Dublin 9	**Population & Land-Use:** With no significant cumulative environmental or traffic / transport related effects noted, no significant cumulative effects anticipated with respect to population and land use will arise during construction or operation of this development. The construction of both projects will increase construction employment opportunities and may boost the positive direct and indirect economic effects associated with these projects in the local area.	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** Not Significant.
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** Imperceptible.
		Airborne Noise & Vibration: Projects sufficiently set back from each other such that no significant cumulative noise or vibration impacts are likely during the Construction Phase if both developments are under construction at the same time. There are no cumulative operational noise or vibration impacts.	**Airborne Noise & Vibration:** Not applicable.	**Airborne Noise & Vibration:** Not Significant.
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction and/or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss from extreme habitat degradation.	**Biodiversity**: Mitigation proposed in Chapter 15 (Biodiversity) and Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events.	**Biodiversity:** Not Significant.
		Air Quality: No significant cumulative effects predicted to occur with respect to air quality during construction or operation of this development.	**Air Quality:** Not applicable.	**Air Quality:** Not Significant.
		Climate: No significant cumulative effects predicted to occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate:** Not applicable.	**Climate:** Not Significant.
		Hydrology: Potential for cumulative impact due to removal of subsoils and/or contaminated soils on this development and the proposed Project. Potential for cumulative impact on site drainage and connection with the Tolka River/Santry for example due to accidental pollution event during the construction and/or operation of this development on the river and hence potential impact on downstream habitats including River Tolka Estuary/Dublin Bay.	**Hydrology:** Identification of suitable disposal licenced sites for contaminated soil. Mitigation proposed to protect surface water quality at nearby watercourses including the Tolka River/Santry River during construction and operation of the proposed Project will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats	**Hydrology:** Not Significant.
		Hydrogeology: Potential for cumulative impact due to removal of subsoils and/or contaminated soils on both developments. Potential for cumulative impact on site drainage and connection with nearby Tolka River/Santry River and its tributaries for example due to accidental pollution event/discharge to ground during the construction and/or operation of this development on the river and hence potential impact on downstream habitats including River Tolka Estuary/Dublin Bay. Potential nominal local reduction in recharge to ground.	**Hydrogeology:** Identification of suitable disposal licenced sites for contaminated soil or other for subsoils. Mitigation proposed to protect groundwater as well as surface water quality including the nearby Tolka River/Santry River and its tributaries during construction and operation of the proposed Project will prevent groundwater and/or surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Recharge to ground where feasible as part of SuDS.	**Hydrogeology:** Not Significant.
		Soils & Geology: Cumulative impacts relating to soils and geology unlikely given distance from proposed Project, setting and nature of development	**Soils & Geology:** Not applicable.	**Soils & Geology:** None.
		Land Take: None. The development site is approximately 1.3km east of the proposed Project alignment and is outside of the proposed Project permanent and temporary land take boundaries and is not continuous with any land take parcels.	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: No significant cumulative effects predicted to occur with respect to infrastructure and utilities during construction or operation of this development.	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** None.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Agronomy: No cumulative impacts predicted.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: No cumulative impacts predicted.	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No cumulative impacts predicted.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: Not Significant.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** Not Significant.
307043	Paul and David Butler Strategic Housing Development 116 no. residential units (85 no. houses, 31 no. apartments), childcare facility and associated site works. Suttons Fields, Ballybetagh Road, Kilternan, Dublin 18	**Traffic & Transport:** No significant impact during construction. Population growth in the area included in model forecasts for Operational Phase	**Traffic & Transport:** Not applicable.	**Traffic & Transport:** Not Significant. during Construction Phase. Positive and Slight impact during Operational Phase.
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: Given the distance of this development from the proposed Project, no significant cumulative effects anticipated with respect to population and land use will arise during construction or operation of this development.	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** Not Significant.
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** Imperceptible.
		Airborne Noise & Vibration: Projects sufficiently set back from each other such that no significant cumulative noise or vibration impacts are likely during the Construction Phase if both developments are under construction at the same time. There are no cumulative operational noise or vibration impacts.	**Airborne Noise & Vibration:** Not applicable.	**Airborne Noise & Vibration:** Not Significant.
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity: The AA Screening Report prepared by Mary Tubridy Associates concluded that there is no possibility of likely significant effects on any European sites either alone or in-combination with other plans or projects.	**Biodiversity:** Not applicable.	**Biodiversity:** None.
		Air Quality: No significant cumulative effects predicted to occur with respect to air quality during construction or operation of this development.	**Air Quality:** Not applicable.	**Air Quality:** Not Significant.
		Climate: No significant cumulative effects predicted to occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate:** Not applicable.	**Climate:** Not Significant.
		Hydrology: No significant cumulative impacts	**Hydrology:** Not applicable.	**Hydrology:** None.
		Hydrogeology: Potential for local reduction in recharge to ground	**Hydrogeology:** Recharge to ground where feasible as part of SuDS; Identification of suitable disposal routes for subsoils and/or licenced sites for contaminated soil	**Hydrogeology:** Imperceptible.
		Soils & Geology: Potential for permanent additional soil loss from development site south of Dublin, west of route. Effect is likely to be low adverse (loss of an area of medium fertility/use soils).	**Soils & Geology:** No mitigation possible for loss of local soils given nature of development, depends on development of a soil reuse strategy.	**Soils & Geology:** Slight
		Land Take: None. The development area is outside of the proposed Project permanent and temporary land take boundaries.	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: Given the distance of this development from the proposed Project (approximately 10.9km south-east of the proposed Charlemont	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** None.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Station and alignment), no cumulative effects are predicted to occur with respect to infrastructure and utilities during construction or operation of this development.		
		Agronomy: No cumulative impacts predicted.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: No cumulative impacts predicted.	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No cumulative impacts predicted.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: Not Significant.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** Not Significant.
307067	Carrey Issuer DAC Strategic Housing Development 413 no. Build to Rent apartments (one block) and associated site works. Site formerly known as the IDA Ireland Small Business Centre/Newmarket Industrial Estate bounded by Newmarket, Brabazon Place, St Luke's Avenue and Newmarket Street, Dublin 8	**Traffic & Transport:** No significant impact during construction. Population growth in the area included in model forecasts for Operational Phase	**Traffic & Transport:** Not applicable.	**Traffic & Transport:** Not Significant. during Construction Phase. Positive and Slight impact during Operational Phase.
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: With no significant cumulative environmental or traffic / transport related effects identified, no significant adverse cumulative effects anticipated with respect to population and land use will arise during construction or operation of this development. The construction of both projects will increase construction employment opportunities and may boost the positive direct and indirect economic effects associated with these projects in the local area.	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** Not Significant.
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** Imperceptible.
		Airborne Noise & Vibration: Projects sufficiently set back from each other such that no significant cumulative noise or vibration impacts are likely during the Construction Phase if both developments are under construction at the same time. There are no cumulative operational noise or vibration impacts.	**Airborne Noise & Vibration:** Not applicable.	**Airborne Noise & Vibration:** Not Significant.
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction and/or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss from extreme habitat degradation.	**Biodiversity**: Mitigation proposed in Chapter 15 (Biodiversity) and Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events.	**Biodiversity:** Not Significant.
		Air Quality: No significant cumulative effects predicted to occur with respect to air quality during construction or operation of this development.	**Air Quality:** Not applicable.	**Air Quality:** Not Significant.
		Climate: No significant cumulative effects predicted to occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate:** Not applicable.	**Climate:** Not Significant.
		Hydrology: Potential for cumulative impact due to removal of contaminated soils from this development and the proposed Project. Potential for cumulative impact on nearby drainage channels and connection with the [culverted] Poddle River and River Liffey farther to the north for example, due to	**Hydrology:** Identification of suitable disposal licenced sites for contaminated soil. Mitigation proposed to protect surface water quality at nearby identified watercourses including the Poddle River/River Liffey during construction and operation of the proposed Project, will prevent surface water pollution events.	**Hydrology:** Not Significant.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		accidental pollution event during the construction and/or operation of this development and hence potential impact on downstream habitats including Dublin Bay.	Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats.	
		Hydrogeology: Potential for cumulative impact due to accidental pollution/discharge to ground event during the construction and/or operation of this development on nearby watercourses including the [culverted] Poddle River and River Liffey farther to the north and where groundwater discharges to nearby surface water features, and hence potential impact on downstream habitats, for example Dublin Bay. Potential cumulative impact from short-term Construction Phase dewatering activities where basement required. Local reduction in recharge to ground. Potential for cumulative impact due to removal of subsoils and/or contaminated soils from this development and the proposed Project.	**Hydrogeology:** Mitigation proposed to protect local groundwater within development boundaries as well as surface water quality at nearby watercourses/tributaries to same, during construction and operation of the proposed Project, will prevent groundwater and surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Recharge to ground where feasible as part of SuDS. Identification of suitable disposal licenced sites for contaminated soil for example.	**Hydrogeology:** Not Significant.
		Soils & Geology: Cumulative impacts relating to soils and geology unlikely given distance from proposed Project, setting and nature of development	**Soils & Geology:** Not applicable.	**Soils & Geology:** None.
		Land Take: None. The development area is outside of the proposed Project permanent and temporary land take boundaries and is not continuous with any land take parcels.	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: Given the distance of this development from the proposed Project (approximately 1.3km west of the proposed St Stephens Green Station and alignment), no cumulative effects are predicted to occur with respect to infrastructure and utilities during construction or operation of this development.	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** None.
		Agronomy: No cumulative impacts predicted.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: Impacts to potential archaeological deposits. Cumulative impact on archaeological heritage of Dublin but not considered significant	**Archaeology & Cultural Heritage:** Proposed mitigation within this EIAR is sufficient to manage the cumulative impact	**Archaeology & Cultural Heritage:** Not Significant
		Architectural Heritage: No cumulative impacts predicted.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: Not Significant.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** Not Significant.
307092	Randelswood Holdings Limited Strategic Housing Development Demolition of existing structures, construction of 250 no. Build to Rent apartments comprising five blocks and associated site works. Lands at Palmerstown Retail Park, Kennelsfort Road Lower, Palmerstown, Dublin 20	**Traffic & Transport:** No significant impact during construction. Population growth in the area included in model forecasts for Operational Phase	**Traffic & Transport:** Not applicable.	**Traffic & Transport:** Not Significant. during Construction Phase. Positive and Slight impact during Operational Phase.
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: Given the distance of this development from the proposed Project, no significant cumulative effects anticipated with respect to population and land use will arise during construction or operation of this development.	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** Not Significant.
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** Imperceptible.
		Airborne Noise & Vibration: Projects sufficiently set back from each other such that no significant cumulative noise or vibration impacts are likely during the Construction Phase if both developments are under construction at the same time. There are no cumulative operational noise or vibration impacts.	**Airborne Noise & Vibration:** Not applicable.	**Airborne Noise & Vibration:** Not Significant.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction and/or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss from extreme habitat degradation.	**Biodiversity**: Mitigation proposed in Chapter 15 (Biodiversity) and Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events.	**Biodiversity:** Not Significant.
		Air Quality: No significant cumulative effects predicted to occur with respect to air quality during construction or operation of this development.	**Air Quality:** Not applicable.	**Air Quality:** Not Significant.
		Climate: No significant cumulative effects predicted to occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate:** Not applicable.	**Climate:** Not Significant.
		Hydrology: No significant cumulative impacts. However, potential for cumulative impact due to removal of contaminated soils from this development and the proposed Project Potential for cumulative impact on nearby drainage channels and connection with the River Liffey for example, due to accidental pollution event during the construction and/or operation of this development and hence potential impact on downstream habitats including Dublin Bay.	**Hydrology:** Identification of suitable disposal licenced sites for contaminated soil Mitigation proposed to protect surface water quality at nearby identified watercourses including the River Liffey during construction and operation of the proposed Project, will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats.	**Hydrology:** Not Significant.
		Hydrogeology: Local reduction in recharge to ground. Potential for cumulative impact due to removal of contaminated soils from this development and the proposed Project. Potential cumulative impact from short-term Construction Phase dewatering activities where basement required. Potential for cumulative impact due to accidental pollution/discharge to ground event during the construction and/or operation of this development on nearby water features and where groundwater discharges to nearby surface water features and hence potential impact on downstream habitats (Dublin Bay in this case).	**Hydrogeology:** Recharge to ground where feasible as part of SuDS. Identification of suitable disposal licenced sites for contaminated soil. Mitigation proposed to protect local groundwater within development boundaries as well as surface water quality at nearby watercourses during construction and operation of the proposed Project, will prevent groundwater and surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats.	**Hydrogeology:** Not Significant.
		Soils & Geology: Cumulative impacts relating to soils and geology unlikely given distance from proposed Project, setting and nature of development	**Soils & Geology:** Not applicable.	**Soils & Geology:** None.
		Land Take: None. The development area is outside of the proposed Project permanent and temporary land take boundaries	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: Given the distance of this development from the proposed Project (approximately 6.7km west of the proposed Glasnevin Station and alignment), no cumulative effects are predicted to occur with respect to infrastructure and utilities during construction or operation of this development.	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** None.
		Agronomy: No cumulative impacts predicted.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: No cumulative impacts predicted.	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No cumulative impacts predicted.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: Not Significant.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** Not Significant.
307197	Derryroe Limited Strategic Housing Development	**Traffic & Transport:** No significant impact during construction. Population growth in the area included in model forecasts for Operational Phase	**Traffic & Transport:** Not applicable.	**Traffic & Transport:** Not Significant. during Construction

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
	105 no. apartments & aparthotel extension comprising one block and associated site works. 36, 38, 40 Herbert Park and 10 Pembroke Place, Ballsbridge, Dublin 4			Phase. Positive and Slight impact during Operational Phase.
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: With no significant cumulative environmental or traffic / transport related effects identified, no significant cumulative effects anticipated with respect to population and land use will arise during construction or operation of this development. The construction of both projects will increase construction employment opportunities and may boost the positive direct and indirect economic effects associated with these projects in the local area.	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** Not Significant.
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** Imperceptible.
		Airborne Noise & Vibration: Projects sufficiently set back from each other such that no significant cumulative noise or vibration impacts are likely during the Construction Phase if both developments are under construction at the same time. There are no cumulative operational noise or vibration impacts.	**Airborne Noise & Vibration:** Not applicable.	**Airborne Noise & Vibration:** Not Significant.
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction and/or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss from extreme habitat degradation.	**Biodiversity**: Mitigation proposed in Chapter 15 (Biodiversity) and Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events.	**Biodiversity:** Not Significant.
		Air Quality: No significant cumulative effects predicted to occur with respect to air quality during construction or operation of this development.	**Air Quality:** Not applicable.	**Air Quality:** Not Significant.
		Climate: No significant cumulative effects predicted to occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate:** Not applicable.	**Climate:** Not Significant.
		Hydrology: No significant cumulative impacts. However, potential for cumulative impact due to removal of contaminated soils from this development and the proposed Project Potential for cumulative impact on nearby drainage channels and connection with the River Dodder for example, due to accidental pollution event during the construction and/or operation of this development and hence potential impact on downstream habitats including Dublin Bay.	**Hydrology:** Identification of suitable disposal licenced sites for contaminated soil Mitigation proposed to protect surface water quality at nearby identified watercourses including the River Dodder during construction and operation of the proposed Project, will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats.	**Hydrology:** Not Significant.
		Hydrogeology: Local reduction in recharge to ground. Potential for cumulative impact due to removal of contaminated soils from this development and the proposed Project. Potential cumulative impact from short-term Construction Phase dewatering activities where basement required. Potential for cumulative impact due to accidental pollution/discharge to ground event during the construction and/or operation of this development on nearby water features including the River Dodder and where groundwater discharges to nearby surface water features and hence potential impact on downstream habitats (Dublin Bay in this case).	**Hydrogeology:** Recharge to ground where feasible as part of SuDS. Identification of suitable disposal licenced sites for contaminated soil. Mitigation proposed to protect local groundwater within development boundaries as well as surface water quality at nearby watercourses including the River Dodder during construction and operation of the proposed Project, will prevent groundwater and surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats.	**Hydrogeology:** Not Significant.
		Soils & Geology: Cumulative impacts relating to soils and geology unlikely given distance from proposed Project, setting and nature of development	**Soils & Geology:** Not applicable.	**Soils & Geology:** None.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Land Take: None. The development site is approximately 1.6km east of the proposed Project alignment and is outside of the proposed permanent and temporary land take boundaries.	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: None. Sufficient separation to avoid cumulative impacts.	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** None.
		Agronomy: No cumulative impacts predicted.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: No cumulative impacts predicted.	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No cumulative impacts predicted.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: Not Significant.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** Not Significant.
307267	The Donnybrook Partnership Strategic Housing Development Demolition of buildings, construction of 148 no. apartments comprising one block and associated site works. Nos. 1, 3, 5, 7, 9, 11 Eglinton Road, Donnybrook, Dublin 4	**Traffic & Transport:** No significant impact during construction. Population growth in the area included in model forecasts for Operational Phase	**Traffic & Transport:** Not applicable.	**Traffic & Transport:** Not Significant. during Construction Phase. Positive and Slight impact during Operational Phase.
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: With no significant cumulative environmental or traffic / transport related effects identified, no significant adverse cumulative effects anticipated with respect to population and land use will arise during construction or operation of this development. The construction of both projects will increase construction employment opportunities and may boost the positive direct and indirect economic effects associated with these projects in the local area.	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** Not Significant.
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** Imperceptible.
		Airborne Noise & Vibration: Projects sufficiently set back from each other such that no significant cumulative noise or vibration impacts are likely during the Construction Phase if both developments are under construction at the same time. There are no cumulative operational noise or vibration impacts.	**Airborne Noise & Vibration:** Not applicable.	**Airborne Noise & Vibration:** Not Significant.
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction and/or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss from extreme habitat degradation.	**Biodiversity**: Mitigation proposed in Chapter 15 (Biodiversity) and Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events.	**Biodiversity:** Not Significant.
		Air Quality: No significant cumulative effects predicted to occur with respect to air quality during construction or operation of this development.	**Air Quality:** Not applicable.	**Air Quality:** Not Significant.
		Climate: No significant cumulative effects predicted to occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate:** Not applicable.	**Climate:** Not Significant.
		Hydrology: No significant cumulative impacts. However, potential for cumulative impact due to removal of contaminated soils from this development and the proposed Project	**Hydrology:** Identification of suitable disposal licenced sites for contaminated soil Mitigation proposed to protect surface water quality at nearby identified watercourses including the River Dodder during construction and operation of the proposed Project, will prevent surface water pollution events. Specifically,	**Hydrology:** Not Significant.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Potential for cumulative impact on nearby drainage channels and connection with the River Dodder for example, due to accidental pollution event during the construction and/or operation of this development and hence potential impact on downstream habitats including Dublin Bay.	construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats.	
		Hydrogeology: Local reduction in recharge to ground. Potential for cumulative impact due to removal of contaminated soils from this development and the proposed Project. Potential cumulative impact from short-term Construction Phase dewatering activities where basement required. Potential for cumulative impact due to accidental pollution/discharge to ground event during the construction and/or operation of this development on nearby water features including the River Dodder and where groundwater discharges to nearby surface water features and hence potential impact on downstream habitats (Dublin Bay in this case).	**Hydrogeology:** Recharge to ground where feasible as part of SuDS. Identification of suitable disposal licenced sites for contaminated soil. Mitigation proposed to protect local groundwater within development boundaries as well as surface water quality at nearby watercourses including the River Dodder during construction and operation of the proposed Project, will prevent groundwater and surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats.	**Hydrogeology:** Not Significant.
		Soils & Geology: Cumulative impacts relating to soils and geology unlikely given distance from proposed Project, setting and nature of development	**Soils & Geology:** Not applicable.	**Soils & Geology:** None.
		Land Take: None. The development area is outside of the proposed Project permanent and temporary land take boundaries and is not continuous with any land take parcels.	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: Given the distance of this development from the proposed Project, no cumulative effects are anticipated with respect to infrastructure and land take during construction or operation of this development.	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** None.
		Agronomy: No cumulative impacts predicted.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: No cumulative impacts predicted.	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No cumulative impacts predicted.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: Not Significant.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** Not Significant.
307415	Ketut Limited Strategic Housing Development 200 no. apartments comprising four blocks, creche and associated site works. Lisieux Hall, Murphystown Road, Leopardstown, Dublin 18	**Traffic & Transport:** No significant impact during construction. Population growth in the area included in model forecasts for Operational Phase	**Traffic & Transport:** Not applicable.	**Traffic & Transport:** Not Significant. during Construction Phase. Positive and Slight impact during Operational Phase.
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: Given the distance of this development from the proposed Project, no significant cumulative effects anticipated with respect to population and land use will arise during construction or operation of this development.	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** Not Significant.
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** Imperceptible.
		Airborne Noise & Vibration: Projects sufficiently set back from each other such that no significant cumulative noise or vibration impacts are likely during the Construction Phase if both developments are under construction at the same time. There are no cumulative operational noise or vibration impacts.	**Airborne Noise & Vibration:** Not applicable.	**Airborne Noise & Vibration:** Not Significant.
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction and/or operation of these	**Biodiversity**: Mitigation proposed in Chapter 15 (Biodiversity) and Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 to protect surface	**Biodiversity:** Not Significant.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		developments. Accidental pollution events could result in habitat degradation, and habitat loss from extreme habitat degradation.	water quality during construction and operation of the proposed Project will prevent surface water pollution events.	
		Air Quality: No significant cumulative effects predicted to occur with respect to air quality during construction or operation of this development.	**Air Quality:** Not applicable.	**Air Quality:** Not Significant.
		Climate: No significant cumulative effects predicted to occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate:** Not applicable.	**Climate:** Not Significant.
		Hydrology: No significant cumulative impacts. However, potential for cumulative impact on nearby drainage channels and connection with local watercourses, due to accidental pollution event during the construction and/or operation of this development and hence potential impact on downstream habitats including Dublin Bay.	**Hydrology:** Mitigation proposed to protect surface water quality at nearby identified watercourses including during construction and operation of the proposed Project, will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats.	**Hydrology:** Not Significant.
		Hydrogeology: Potential for cumulative impact due to accidental pollution/discharge to ground event during the construction and/or operation of this development on nearby watercourses and where groundwater discharges to these surface water features and hence potential impact on downstream habitats. Potential cumulative impact from short-term Construction Phase dewatering activities where basement required. Potential for local reduction in recharge to ground (including where changes in land take occur in urban setting).	**Hydrogeology:** Mitigation proposed to protect local groundwater within development boundaries as well as surface water quality at nearby watercourses/tributaries to same, during construction and operation of the proposed Project, will prevent groundwater and surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Recharge to ground where feasible as part of SuDS.	**Hydrogeology:** Imperceptible.
		Soils & Geology: Cumulative impacts relating to soils and geology unlikely given distance from proposed Project, setting and nature of development.	**Soils & Geology:** Not applicable.	**Soils & Geology:** None.
		Land Take: None. The development site is approximately 7.5km south east of the proposed Project alignment and is outside of the proposed permanent and temporary land take boundaries.	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: Given the distance of this development from the proposed Project (approximately 7.5km south-east of the proposed Charlemont Station and alignment), no cumulative effects are predicted to occur with respect to infrastructure and utilities during construction or operation of this development.	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** None.
		Agronomy: None.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: No cumulative impacts due to distance from proposed Project.	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No cumulative impacts due to distance from proposed Project.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: No cumulative impacts due to distance from proposed Project.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** None.
307656	Ruirside Development Limited Strategic Housing Development 725 no. apartments comprising six blocks, creche and associated site works. Rathbourne Avenue, Pelletstown, Ashtown, Dublin 15	**Traffic & Transport:** No significant impact during construction. Population growth in the area included in model forecasts for Operational Phase	**Traffic & Transport:** Not applicable.	**Traffic & Transport:** Not Significant. during Construction Phase. Positive and Slight impact during Operational Phase.
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: Given the distance of this development from the proposed Project, no significant cumulative effects anticipated with respect to population and land use will arise during construction or operation of this development.	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** Not Significant.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** Imperceptible.
		Airborne Noise & Vibration: Projects sufficiently set back from each other such that no significant cumulative noise or vibration impacts are likely during the Construction Phase if both developments are under construction at the same time. There are no cumulative operational noise or vibration impacts.	**Airborne Noise & Vibration:** Not applicable.	**Airborne Noise & Vibration:** Not Significant.
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction and/or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss from extreme habitat degradation. Should the Construction Phases overlap there is potential for cumulative disturbance on fauna resulting in displacement from the locality Potential for cumulative impacts on habitats and species as a result of direct habitat loss arising from the construction of the proposed Project.	**Biodiversity**: Mitigation proposed in Chapter 15 (Biodiversity) and Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events. Mitigation proposed in Chapter 15 (Biodiversity) to reduce disturbance impacts on fauna species during the Construction Phase of the proposed Project will mitigate potential cumulative impacts on fauna species. Mitigation proposed in Chapter 15 (Biodiversity) to minimise habitat loss and retain vegetation during the Construction Phase of the proposed Project will mitigate potential cumulative impacts on habitats and species.	**Biodiversity:** Surface water: Not Significant. Disturbance: Not significant Habitat loss: Significant at the local geographic scale and permanent
		Air Quality: No significant cumulative effects predicted to occur with respect to air quality during construction or operation of this development	**Air Quality:** Not applicable.	**Air Quality:** Not Significant.
		Climate: No significant cumulative effects predicted to occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate:** Not applicable.	**Climate:** Not Significant.
		Hydrology: Potential for cumulative impact due to removal of subsoils and/or contaminated soils on this development and the proposed Project. Potential for cumulative impact on site drainage and connection with the Tolka River in the wider area for example due to accidental pollution event during the construction and/or operation of this development on the river and hence potential impact on downstream habitats including River Tolka Estuary and Dublin Bay.	**Hydrology:** Identification of suitable disposal licenced sites for contaminated soil. Mitigation proposed to protect surface water quality at nearby watercourses including the Tolka River during construction and operation of the proposed Project will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats	**Hydrology:** Not Significant.
		Hydrogeology: Potential for cumulative impact due to removal of subsoils and/or contaminated soils on both developments. Potential for cumulative impact on site drainage and connection with the Tolka River in the wider area for example due to accidental pollution event/discharge to ground during the construction and/or operation of this development on the river and hence potential impact on downstream habitats including River Tolka Estuary and Dublin Bay. Short-term dewatering effects possible where basement included. Potential nominal local reduction in recharge to ground.	**Hydrogeology:** Identification of suitable disposal licenced sites for contaminated soil or other for subsoils. Mitigation proposed to protect groundwater as well as surface water quality including the Tolka River, during construction and operation of the proposed Project will prevent groundwater and/or surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Recharge to ground where feasible as part of SuDS.	**Hydrogeology:** Not Significant./Imperceptible.
		Soils & Geology: Cumulative impacts relating to soils and geology unlikely given distance from proposed Project, setting and nature of development	**Soils & Geology:** Not applicable.	**Soils & Geology:** None.
		Land Take: None. The development site is approximately 3.9km west of the proposed Project alignment and is outside of the proposed permanent and temporary land take boundaries.	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: None. Sufficient separation to avoid cumulative impacts.	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** None.
		Agronomy: None.	**Agronomy:** Not applicable.	**Agronomy:** None.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: No cumulative impacts due to distance from proposed Project.	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No cumulative impacts due to distance from proposed Project.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: No cumulative impacts due to distance from proposed Project.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** None.
304469 307683	Crekav Trading GP Limited Strategic Housing Development 253 no. apartments comprising three blocks and associated works. Modifications to this permission is covered by 307683 to provide 54 no. additional apartments, increase in childcare facility and associated site works. Greenacres, Longacre and Drumahill House, Upper Kilmacud Road, Dundrum, Dublin 14	**Traffic & Transport:** No significant impact during construction. Population growth in the area included in model forecasts for Operational Phase	**Traffic & Transport:** Not applicable.	**Traffic & Transport:** Not Significant. during Construction Phase. Positive and Slight impact during Operational Phase.
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: Given the distance of this development from the proposed Project, no significant cumulative effects anticipated with respect to population and land use will arise during construction or operation of this development.	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** Not Significant.
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** Imperceptible.
		Airborne Noise & Vibration: Projects sufficiently set back from each other such that no significant cumulative noise or vibration impacts are likely during the Construction Phase if both developments are under construction at the same time. There are no cumulative operational noise or vibration impacts.	**Airborne Noise & Vibration:** Not applicable.	**Airborne Noise & Vibration:** Not Significant.
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction and/or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss from extreme habitat degradation.	**Biodiversity**: Mitigation proposed in Chapter 15 (Biodiversity) and Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events.	**Biodiversity:** Not Significant.
		Air Quality: No significant cumulative effects predicted to occur with respect to air quality during construction or operation of this development.	**Air Quality:** Not applicable.	**Air Quality:** Not Significant.
		Climate: No significant cumulative effects predicted to occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate:** Not applicable.	**Climate:** Not Significant.
		Hydrology: No significant impacts, however potential for cumulative impact due to removal of contaminated soils on both developments. There would be the potential for runoff of contaminated soil to impact surface water quality of nearby surface waterbodies, in the absence of any mitigation. Potential for cumulative impact due to accidental pollution event during the construction and/or operation of this development on adjacent Slang watercourse and Dodder River to north for example and hence potential impact on downstream habitats including Dublin Bay.	**Hydrology:** Identification of suitable disposal licenced sites for contaminated soil. Mitigation proposed to protect surface water quality at nearby water features including the Slang watercourse and Dodder River during construction and operation of the proposed Project will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats.	**Hydrology:** Not Significant.
		Hydrogeology: No significant impacts, however potential for cumulative impact due to removal of contaminated soils on both developments. Potential for cumulative impact due to accidental pollution event/discharge to ground during the construction and/or operation of this development on local hydrogeology and where connectivity exists between groundwater and surface water for example	**Hydrogeology:** Identification of suitable disposal licenced sites for contaminated soil. Mitigation proposed to protect groundwater, as well as surface water quality at nearby water features identified, during construction and operation of the proposed Project will prevent groundwater and/or surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19	**Hydrogeology:** Not Significant./Imperceptible.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		the Slang watercourse and/or Dodder River then there is potential impact on local and/or downstream habitats including Dublin Bay. Short-term dewatering effects possible where there's basement construction. Local reduction in recharge to ground.	(Hydrogeology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Recharge to ground where feasible as part of SuDS.	
		Soils & Geology: Cumulative impacts relating to soils and geology unlikely given distance from proposed Project, setting and nature of development	**Soils & Geology:** Not applicable.	**Soils & Geology:** None.
		Land Take: None. The development site is approximately 5km east of the proposed Project alignment and is outside of the proposed permanent and temporary land take boundaries.	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: None. Sufficient separation to avoid cumulative impacts.	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** None.
		Agronomy: None.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: No cumulative impacts due to distance from proposed Project.	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No cumulative impacts due to distance from proposed Project.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: No cumulative impacts due to distance from proposed Project.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** None.
308162	Alphabet ABC Properties Limited Strategic Housing Development Demolition of existing building and construction of 397 no. bedspace Build to Rent Shared Living residential development comprising one block and associated site works. A site comprised of The Old Glass Factory and no's. 113-117 Cork Street and no's. 118-122 Cork Street, Dublin 8	**Traffic & Transport:** No significant impact during construction. Population growth in the area included in model forecasts for Operational Phase	**Traffic & Transport:** Not applicable.	**Traffic & Transport:** Not Significant. during Construction Phase. Positive and Slight impact during Operational Phase.
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: With no significant cumulative environmental or traffic / transport related effects identified that could give rise to disturbance/nuisance to local population, no significant adverse cumulative effects anticipated with respect to population and land use will arise during construction or operation of this development. The construction of both projects will increase construction employment opportunities and may boost the positive direct and indirect economic effects associated with these projects in the local area.	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** Not Significant.
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** Imperceptible.
		Airborne Noise & Vibration: Projects sufficiently set back from each other such that no significant cumulative noise or vibration impacts are likely during the Construction Phase if both developments are under construction at the same time. There are no cumulative operational noise or vibration impacts.	**Airborne Noise & Vibration:** Not applicable.	**Airborne Noise & Vibration:** Not Significant.
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction and/or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss from extreme habitat degradation.	**Biodiversity**: Mitigation proposed in Chapter 15 (Biodiversity) and Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events.	**Biodiversity:** Not Significant.
		Air Quality: No significant cumulative effects predicted to occur with respect to air quality during construction or operation of this development.	**Air Quality:** Not applicable.	**Air Quality:** Not Significant.
		Climate:	**Climate:** Not applicable.	**Climate:** Not Significant.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		No significant cumulative effects predicted to occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.		
		Hydrology: Potential for cumulative impact due to removal of contaminated soils from this development and the proposed Project. Potential for cumulative impact on nearby drainage channels and connection with the [culverted] Poddle River and River Liffey farther to the north for example, due to accidental pollution event during the construction and/or operation of this development and hence potential impact on downstream habitats including Dublin Bay.	**Hydrology:** Identification of suitable disposal licenced sites for contaminated soil. Mitigation proposed to protect surface water quality at nearby identified watercourses including the Poddle River/River Liffey during construction and operation of the proposed Project, will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats.	**Hydrology:** Not Significant.
		Hydrogeology: Potential for cumulative impact due to accidental pollution/discharge to ground event during the construction and/or operation of this development on nearby watercourses including the [culverted] Poddle River and River Liffey farther to the north and where groundwater discharges to nearby surface water features, and hence potential impact on downstream habitats, for example Dublin Bay. Short-term dewatering effects possible where basement construction. Local reduction in recharge to ground. Potential for cumulative impact due to removal of subsoils and/or contaminated soils from this development and the proposed Project.	**Hydrogeology:** Mitigation proposed to protect local groundwater within development boundaries as well as surface water quality at nearby watercourses/tributaries to same, during construction and operation of the proposed Project, will prevent groundwater and surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Recharge to ground where feasible as part of SuDS. Identification of suitable disposal licenced sites for contaminated soil for example.	**Hydrogeology:** Not Significant.
		Soils & Geology: Cumulative impacts relating to soils and geology unlikely given distance from proposed Project, setting and nature of development	**Soils & Geology:** Not applicable.	**Soils & Geology:** None.
		Land Take: None. The development area is outside of the proposed Project permanent and temporary land take boundaries.	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: Given the distance of this development from the proposed Project (approximately 1.7km west of the proposed St Stephens Green Station and alignment), no cumulative effects are predicted to occur with respect to infrastructure and utilities during construction or operation of this development.	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** None.
		Agronomy: None.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: No cumulative impacts due to distance from proposed Project.	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No cumulative impacts due to distance from proposed Project.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: No cumulative impacts due to distance from proposed Project.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** None.
304624	Fingal County Council Greenway between Malahide Demesne and Newbridge Demesne to be known as 'Broadmeadow Way'. Malahide Demesne, Kilcrea, Newbridge Demesne, Donabate, Fingal, County Dublin	**Traffic & Transport:** No significant impact predicted	**Traffic & Transport:** Not applicable.	**Traffic & Transport:** Not Significant.
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: Given the distance of this development from the proposed Project, no significant cumulative effects anticipated with respect to population and land use will arise during construction or operation of this development.	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** Not Significant.
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** Imperceptible.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Airborne Noise & Vibration: Projects sufficiently set back from each other such that no significant cumulative noise or vibration impacts are likely during the Construction Phase if both developments are under construction at the same time. There are no cumulative operational noise or vibration impacts.	**Airborne Noise & Vibration:** Not applicable.	**Airborne Noise & Vibration:** Not Significant.
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction and/or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss from extreme habitat degradation. Should the Construction Phases overlap there is potential for cumulative disturbance on fauna resulting in displacement from the locality. Increased disturbance effects arising from the operational stages may act cumulatively to permanently displace fauna from the locality.	**Biodiversity**: Mitigation proposed in Chapter 15 (Biodiversity) and Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events. Mitigation proposed in Chapter 15 (Biodiversity) to reduce disturbance impacts on fauna species during the Construction Phase of the proposed Project will mitigate potential cumulative impacts on fauna species. Fauna species in the locality may become habituated to a higher baseline level of disturbance during the Operational Phase although some species i.e., breeding birds may be permanently displaced from habitats immediately surrounding these developments.	**Biodiversity:** Surface water: Not Significant. Disturbance: Not significant.
		Air Quality: No significant cumulative effects predicted to occur with respect to air quality during construction or operation of this development.	**Air Quality:** Not applicable.	**Air Quality:** Not Significant.
		Climate: No significant cumulative effects predicted to occur with respect to climate during construction or operation of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate:** Not applicable.	**Climate:** Not Significant.
		Hydrology: Potential for cumulative impact due to removal of subsoils and/or contaminated soils as part of both developments. Potential for impact on site drainage and connection with Turvey River for example, during Construction Phase works mainly. Potential for cumulative impact due to accidental pollution event during the Construction Phase mainly of this development on the Turvey River/other tributaries for example and hence potential impact on downstream habitats including Malahide Estuary.	**Hydrology:** Identification of suitable disposal licenced sites for contaminated soil. Construct in line with outline CEMP. Mitigation proposed to protect surface water quality at nearby watercourses/tributaries to same including the Turvey River/tributaries during construction and operation of the proposed Project will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats.	**Hydrology:** Not Significant.
		Hydrogeology: Potential for local reduction in recharge to ground. Potential for cumulative impact due to removal of subsoils and/or contaminated soils on both developments. Potential for cumulative impact due to accidental pollution/discharge to ground event on the Turvey River/other tributaries for example and during the construction of this development mainly, where groundwater discharges to these surface water features and hence potential impact on downstream habitats including Malahide Estuary.	**Hydrogeology:** Recharge to ground where feasible as part of SuDS. Construct in line with outline CEMP. Identification of suitable disposal licenced sites for contaminated soil. Mitigation proposed to protect local groundwater as well as surface water quality at nearby watercourses/tributaries to same including the Turvey River, during construction and operation of the proposed Project, will prevent groundwater and surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats.	**Hydrogeology:** Not Significant.
		Soils & Geology: Cumulative impacts relating to soils and geology unlikely given distance from proposed Project, setting and nature of development	**Soils & Geology:** Not applicable.	**Soils & Geology:** None.
		Land Take: None. The development area is outside of the proposed Project permanent and temporary land take boundaries.	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: Given the distance of this development from the proposed Project (approximately 3.4km south-east of the proposed Estuary Station and alignment), no cumulative effects are predicted to occur with respect to infrastructure and utilities during construction or operation of this development.	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** None.
		Agronomy: None.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.		
		Archaeology & Cultural Heritage: No cumulative impacts due to distance from proposed Project.	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No cumulative impacts due to distance from proposed Project.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: No cumulative impacts due to distance from proposed Project.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** None.
306583	Dun Laoghaire Rathdown County Council A residential development (597 residential units with 506 build to rent apartments & 40 apartments comprising eight blocks and 51 houses) with ancillary commercial uses (retail unit, cafe and creche) partially comprising a "Build to Rent" scheme on circa 9.69 hectares The townlands of Shanganagh, Cork Little and Shankill, Co. Dublin	**Traffic & Transport:** No significant impact during construction. Population growth in the area included in model forecasts for Operational Phase	**Traffic & Transport:** Not applicable.	**Traffic & Transport:** Not Significant. during Construction Phase. Positive and Slight impact during Operational Phase.
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: Given the distance of this development from the proposed Project, no significant cumulative effects anticipated with respect to population and land use will arise during construction or operation of this development.	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** Not Significant.
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** Imperceptible.
		Airborne Noise & Vibration: Projects sufficiently set back from each other such that no significant cumulative noise or vibration impacts are likely during the Construction Phase if both developments are under construction at the same time. There are no cumulative operational noise or vibration impacts.	**Airborne Noise & Vibration:** Not applicable.	**Airborne Noise & Vibration:** Not Significant.
		Groundborne Noise & Vibration Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity: The project is in a separate sub-catchment to the proposed Project, and therefore there is no possibility of in-combination impacts with regards to watery quality impacts. The project is also a large distance of separation from the proposed project and therefore none of the impacts associated with the project are within the ZoI of the proposed Project.	**Biodiversity:** Not applicable.	**Biodiversity:** None.
		Air Quality: No significant cumulative effects predicted to occur with respect to air quality during construction or operation of this development	**Air Quality:** Not applicable.	**Air Quality:** Not Significant.
		Climate: No significant cumulative effects predicted to occur with respect to climate during construction or operation of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate:** Not applicable.	**Climate:** Not Significant.
		Hydrology: No significant cumulative impacts	**Hydrology:** Not applicable.	**Hydrology:** None.
		Hydrogeology: Potential for local reduction in recharge to ground	**Hydrogeology:** Recharge to ground where feasible as part of SuDS; Identification of suitable disposal routes for subsoils and/or licenced sites for contaminated soil	**Hydrogeology:** Imperceptible.
		Soils & Geology: Potential for permanent additional soil loss from development site south of Dublin, west of route. Effect is likely to be low adverse (loss of an area of medium fertility/use soils).	**Soils & Geology:** No mitigation possible for loss of local soils given nature of development, depends on development of a soil reuse strategy.	**Soils & Geology:** Slight
		Land Take: None. The development area is outside of the proposed Project permanent and temporary land take boundaries.	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: Given the distance of this development from the proposed Project (approximately 14.6km south-east of the proposed Charlemont Station and alignment), no cumulative effects are predicted to occur with respect to infrastructure and utilities during construction or operation of this development.	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** None.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Agronomy: None.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: No cumulative impacts due to distance from proposed Project.	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No cumulative impacts due to distance from proposed Project.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: No cumulative impacts due to distance from proposed Project.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** None.
301798	Irish Water Ringsend Wastewater Treatment Plant Upgrade Project Ringsend Wastewater Treatment Plant	**Traffic & Transport:** No significant impact	**Traffic & Transport:** Not applicable.	**Traffic & Transport:** Not Significant.
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: With no significant cumulative environmental or traffic / transport related effects identified that could give rise to disturbance/nuisance to local population, no significant adverse cumulative effects anticipated with respect to population and land use will arise during construction or operation of this development. The construction of both projects will increase construction employment opportunities and may boost the positive direct and indirect economic effects associated with these projects in the local area.	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** Not Significant.
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:**
		Airborne Noise & Vibration: Projects sufficiently set back from each other such that no significant cumulative noise or vibration impacts are likely during the Construction Phase if both developments are under construction at the same time. There are no cumulative operational noise or vibration impacts.	**Airborne Noise & Vibration:** Not applicable.	**Airborne Noise & Vibration:** Not Significant.
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction and/or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss from extreme habitat degradation.	**Biodiversity**: Mitigation proposed in Chapter 15 (Biodiversity) and Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events.	**Biodiversity:** Not Significant.
		Air Quality: No significant cumulative effects predicted to occur with respect to air quality during construction or operation of this development.	**Air Quality:** Not applicable.	**Air Quality:** Not Significant.
		Climate: No significant cumulative effects predicted to occur with respect to climate during construction or operation of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate:** Not applicable.	**Climate:** Not Significant.
		Hydrology: Potential for cumulative impact due to removal of contaminated soils on both developments. There would be the potential for runoff of contaminated soil to impact surface water quality of nearby surface waterbodies, in the absence of any mitigation. Potential for impact on site drainage and connection with River Liffey/Dublin Bay.	**Hydrology:** Identification of suitable disposal licenced sites for contaminated soil. Construct in line with outline CEMP. Mitigation proposed to protect surface water quality at nearby water features (River Liffey and Dublin Bay) during construction and operation of the proposed Project will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within t Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats.	**Hydrology:** Not Significant.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Potential for cumulative impact due to accidental pollution event during the construction and/or operation of this development on the River Liffey and hence potential impact on downstream habitats including Dublin Bay.		
		Hydrogeology: Potential for local reduction in recharge to ground. Potential for cumulative impact due to removal of contaminated soils on both developments. Potential for cumulative impact due to accidental pollution/discharge to ground event during the construction and/or operation of this development on the River Liffey/Dublin Bay where groundwater discharges to these surface water features and hence potential impact on downstream habitats including Dublin Bay. Potential cumulative impact from short-term Construction Phase dewatering activities.	**Hydrogeology:** Recharge to ground where feasible as part of SuDS. Construct in line with outline CEMP. Identification of suitable disposal licenced sites for contaminated soil. Mitigation proposed to protect local groundwater as well as surface water quality at nearby water features including the River Liffey/Dublin Bay, during construction and operation of the proposed Project, will prevent groundwater and surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats.	**Hydrogeology:** Not Significant.
		Soils & Geology: Cumulative impacts relating to soils and geology unlikely given distance from proposed Project, setting and nature of development	**Soils & Geology:** Not applicable.	**Soils & Geology:** None.
		Land Take: None. The development area is outside of the proposed Project permanent and temporary land take boundaries and is not continuous with any land take parcels.	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: Given the distance of this development from the proposed Project, no cumulative effects are anticipated with respect to infrastructure and utilities during construction or operation of this development.	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** None.
		Agronomy: None.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: No cumulative impacts due to distance from proposed Project.	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No cumulative impacts due to distance from proposed Project.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: No cumulative impacts due to distance from proposed Project.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** None.
n/a	Irish Water Clarendon Street, Dublin Sewer Upgrades Essential maintenance and rehabilitation of the underlying old Victorian Sewer is required as part of this project.	**Traffic & Transport:** No significant impact predicted	**Traffic & Transport:** Not applicable.	**Traffic & Transport:** Not Significant.
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: No significant cumulative environmental effects or traffic/transport effects that could give rise to nuisance or disturbance on population. Therefore, no significant cumulative effects on population and land use identified.	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** Not Significant.
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** Imperceptible.
		Airborne Noise & Vibration: Projects sufficiently set back from each other such that no significant cumulative noise or vibration impacts are likely during the Construction Phase if both developments are under construction at the same time. There are no cumulative operational noise or vibration impacts.	**Airborne Noise & Vibration:** Not applicable.	**Airborne Noise & Vibration:** Not Significant.
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction and/or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss from extreme habitat degradation.	**Biodiversity**: Mitigation proposed in Chapter 15 (Biodiversity) and Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events.	**Biodiversity:** Not Significant.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Air Quality: No significant cumulative effects predicted to occur with respect to air quality during construction or operation of this development.	**Air Quality:** Not applicable.	**Air Quality:** Not Significant.
		Climate: No significant cumulative effects predicted to occur with respect to climate during construction or operation of this development.	**Climate:** Not applicable.	**Climate:** Not Significant.
		Hydrology: No significant cumulative impacts predicted. However, potential for cumulative impact due to removal of contaminated soils from this development and the proposed Project. Potential for cumulative impact on nearby drainage channels and connection with the River Liffey to the north for example, due to accidental pollution event during the construction and/or operation of this development and hence potential impact on downstream habitats including Dublin Bay.	**Hydrology:** Identification of suitable disposal licenced sites for contaminated soil. Mitigation proposed to protect surface water quality at nearby identified watercourses including the River Liffey during construction and operation of the proposed Project, will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats.	**Hydrology:** Not Significant.
		Hydrogeology: Potential for cumulative impact due to removal of subsoils and/or contaminated soils from this development and the proposed Project. Potential for cumulative impact due to accidental pollution/discharge to ground event during the Construction Phase of this development mainly and on watercourses including the River Liffey to the north, and where groundwater discharges to identified surface water features and hence potential impact on downstream habitats, for example Dublin Bay.	**Hydrogeology:** Identification of suitable disposal routes for subsoils and/or licenced sites for contaminated soil. Mitigation proposed to protect local groundwater within development boundaries as well as surface water quality at nearby watercourses/tributaries to same, during construction and operation of the proposed Project, will prevent groundwater and surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats.	**Hydrogeology:** Not Significant.
		Soils & Geology: Cumulative impacts relating to soils and geology unlikely given distance from proposed Project, setting and nature of development	**Soils & Geology:** Not applicable.	**Soils & Geology:** None.
		Land Take: None. The sewer is outside of the proposed Project permanent and temporary land take boundaries.	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: None. The sewer is being refurbished and does not cross the proposed Project alignment.	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** None.
		Agronomy:	**Agronomy:**	**Agronomy:**
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: Impacts to potential post medieval archaeological deposits. Cumulative impact on archaeological heritage of Dublin but not considered significant	**Archaeology & Cultural Heritage:** Proposed mitigation within this EIAR is sufficient to manage the cumulative impact	**Archaeology & Cultural Heritage:** Not Significant
		Architectural Heritage: No cumulative impacts due to the nature of the development.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: No cumulative impacts due to the nature of the development.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** None.
n/a	Irish Water Swords Sewerage Scheme & Wastewater Treatment Works Expanding and upgrading existing wastewater treatment plant to 90,000 Population Equivalent (PE). Constructing and commissioning of new treatment processes at the plant.	**Traffic & Transport:** No Construction Phase cumulative impacts are predicted as the development has been completed. No significant cumulative impact anticipated during operation.	**Traffic & Transport:** Not applicable.	**Traffic & Transport:** Not Significant.
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: No Construction Phase cumulative impacts are predicted as the development has been completed. Given the nature of this development, no significant cumulative effects anticipated with respect to population during operation of this development.	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** Not Significant.
		Electromagnetic Interference: No Construction Phase cumulative impacts are predicted as the development has been completed. No significant cumulative impact anticipated during operation.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** Imperceptible.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Airborne Noise & Vibration: No Construction Phase cumulative impacts are predicted as the development has been completed. There are no likely significant cumulative operational noise or vibration impacts	**Airborne Noise & Vibration:** Not applicable.	**Airborne Noise & Vibration:** Not Significant.
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity No Construction Phase cumulative impacts are predicted as the development has been completed. Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss from extreme habitat degradation.	**Biodiversity**: Mitigation proposed in Chapter 15 (Biodiversity) and Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 to protect surface water quality during the operation of the proposed Project will prevent surface water pollution events.	**Biodiversity:** Not Significant.
		Air Quality: No Construction Phase cumulative impacts are predicted as the development has been completed. No significant cumulative impact anticipated during operation.	**Air Quality:** Not applicable.	**Air Quality:** Not Significant.
		Climate: No Construction Phase cumulative impacts are predicted as the development has been completed. No significant cumulative impact anticipated during operation. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate:** Not applicable.	**Climate:** Not Significant.
		Hydrology: Potential for impact on site drainage and connection with Ward River /Broadmeadow River and associated tributaries for example. Potential for cumulative impact due to accidental pollution event during the operation of this development on the Ward River/Broadmeadow River and its tributaries for example and hence potential impact on downstream habitats including Malahide Estuary.	**Hydrology:** Mitigation proposed to protect surface water quality at nearby watercourses to same, including the Ward River/Broadmeadow River and tributaries during operation of the proposed Project, will prevent surface water pollution events.	**Hydrology:** Not Significant.
		Hydrogeology: Potential for local reduction in recharge to ground. Potential for cumulative impact due to accidental pollution event during the operation of this development on the Ward River/Broadmeadow River and its tributaries for example and hence potential impact on downstream habitats including Malahide Estuary.	**Hydrogeology:** Recharge to ground where feasible as part of SuDS Mitigation proposed to protect local groundwater as well as surface water quality at nearby watercourses/tributaries to same, including the Ward River/Broadmeadow River during operation of the proposed Project, will prevent groundwater and surface water pollution events.	**Hydrogeology:** Not Significant.
		Soils & Geology: Cumulative impacts relating to soils and geology unlikely given distance from proposed Project, setting and nature of development	**Soils & Geology:** Not applicable.	**Soils & Geology:** None.
		Land Take: No Construction Phase Impacts are predicted as the development has been completed.	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: No Construction Phase Impacts are predicted as the development has been completed. No significant cumulative impact anticipated during operation.	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** Not Significant.
		Agronomy: No Construction Phase Impacts are predicted as the development has been completed.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: No Construction Phase Impacts are predicted as the development has been completed	**Material & Waste Management:** Not applicable.	**Material & Waste Management:** None.
		Archaeology & Cultural Heritage: No Construction Phase Impacts are predicted as the development has been completed	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No Construction Phase Impacts are predicted as the development has been completed.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: No Construction Phase Impacts are predicted as the development has been completed and will form part of the baseline.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** None.
n/a	DART+ Programme (non-tunnel elements) including additional stations at Cabra, Pelletstown, Woodbrook, Kylemore and Glasnevin	**Traffic & Transport:** Potential negative impact if Construction Phases are to overlap at Glasnevin. Positive long-term cumulative impact during Operational Phases	**Traffic & Transport:** Construction contract will include clause to liaise with DART programme to coordinate traffic management.	**Traffic & Transport:** Negative and Slight impact during Construction Phase. Positive long-term impact during Operational Phase.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Human Health: Potential positive human health impact in the Operational Phases in terms of increasing access to public transport and decreasing health inequalities	**Human Health:** Not applicable.	**Human Health:** None.
		Population & Land-Use: Given the scale and proximity of these developments, local accessibility and amenity for the population could potentially be impacted should these developments be constructed concurrently. Positive and Slight impact for the Operational Phase, in terms of increasing access to and better provision of sustainable public transport options.	**Population & Land-Use:** Traffic and transport mitigation measures as outlined in Chapter 9 (Traffic & Transport) of the EIAR will be implemented during construction to reduce impact on population.	**Population & Land-Use:** Not Significant. Positive and Slight impact for the Operational Phase,
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** Imperceptible.
		Airborne Noise & Vibration: Potential for significant cumulative noise and vibration impacts during the Construction Phase if both developments are under construction at the same time at overlapping locations, notably Glasnevin. Potential for slight cumulative operational noise or vibration impacts due to above ground noise sources associated with both. Both projects working on improvements in connected public infrastructure which has the potential to reduce private car dependence and traffic noise along road network.	**Airborne Noise & Vibration:** Construction noise and vibration mitigation measures and limit values outlined in the outline CEMP in Appendix A5.1 and Chapter 13 (Airborne Noise & Vibration) of the EIAR are designed to avoid significant impacts at closest sensitive locations to the proposed Project. Where concurrent works are occurring at same locations, mitigation measures will be required to ensure limit values are not exceeded from both projects.	**Airborne Noise & Vibration:** Potential for minor to major cumulative temporary construction noise and impacts depending on timing and location of works
		Groundborne Noise & Vibration: Groundborne noise and vibration from Metrolink trains will be mitigated by the track support system so that even if groundborne noise or vibration from the passage of a DART train were to coincide with that from a Metrolink train there would be no significant cumulative effect.	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity Potential for cumulative impacts on habitats and species as a result of direct habitat loss arising from the construction of the proposed Project. Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction and/or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss from extreme habitat degradation. Should the Construction Phases overlap there is potential for cumulative disturbance on fauna resulting in displacement from the locality. Increased disturbance effects arising from the operational stages may act cumulatively to permanently displace fauna from the locality. There is potential for cumulative mortality effects on fauna species arising from collision/electrocution risk with vehicles/trains/overhead wires during the Operational Phases. There is potential for cumulative habitat severance/barrier effects on fauna arising from the construction and operation of new infrastructure developments.	**Biodiversity**: Mitigation proposed in Chapter 15 (Biodiversity) Hydrology of the EIAR to minimise habitat loss and retain vegetation during the Construction Phase of the proposed Project will mitigate potential cumulative impacts on habitats and species. Mitigation proposed in Chapter 15 (Biodiversity) and Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events. Mitigation proposed in Chapter 15 (Biodiversity) to reduce disturbance impacts on fauna species during the Construction Phase of the proposed Project will mitigate potential cumulative impacts on fauna species. Mitigation proposed to reduce mortality of fauna species during construction and operation of the proposed Project will mitigate potential cumulative impacts on fauna species. Mitigation proposed in Chapter 15 (Biodiversity) to reduce habitat severance/barrier effects on fauna species during construction and operation of the proposed Project will mitigate potential cumulative impacts on fauna species.	**Biodiversity:** Habitat loss: Significant at the local geographic scale and permanent Surface water: Not Significant. Disturbance: Not significant Mortality: Not significant Habitat severance/barrier effects: Not Significant.
		Air Quality: Potential for cumulative dust impacts during the Construction Phase at Glasnevin if both developments are under construction at the same time if both developments are under construction at the same time. Both projects working on improvements in connected public infrastructure which has the potential to reduce private car dependence and emissions.	**Air Quality:** Dust mitigation measures outlined in the outline CEMP in Appendix A5.1 and Chapter 16 (Air Quality) of the EIAR will mitigate potential cumulative dust impacts. Dust deposition monitoring on the proposed Project will confirm concentrations within guideline values.	**Air Quality:** Potential to reduce private car dependence and air emissions through improved public transport network
		Climate: Both projects working on improvements in connected public infrastructure. The Projects will provide sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate:** Not applicable.	**Climate:** Potential to reduce private car dependence and GHG emissions through improved public transport network
		Hydrology: No significant cumulative impacts. However, there is potential for impact on site drainage and connection with nearby watercourses for example. Potential for cumulative impact due to accidental pollution event during the construction and/or operation of these developments on the water features for example and hence potential impact on downstream habitats.	**Hydrology:** Construct in line with outline CEMP. Mitigation proposed to protect surface water quality at nearby watercourses during construction and operation of the proposed Project, will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats.	**Hydrology:** Not Significant.
		Hydrogeology: Potential for local reduction in recharge to ground. Potential for cumulative impact due to accidental pollution/discharge to ground event during the construction and/or operation of these developments on the water	**Hydrogeology:** Recharge to ground where feasible as part of SuDS Construct in line with outline CEMP.	**Hydrogeology:** Not Significant./Imperceptible.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		features for example where groundwater discharges to these surface water features and hence potential impact on downstream habitats.	Mitigation proposed to protect local groundwater as well as surface water quality at nearby water features during construction and operation of the proposed Project, will prevent groundwater and surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats.	
		Soils & Geology: intersects/joins with MetroLink route at Glasnevin Station. Potential for cumulative settlement effect if developments coincide in terms of programme	**Soils & Geology:** Proposed mitigation could include negotiation to ensure works are not undertaken concurrently or potentially ground treatment to reduce likelihood of settlement	**Soils & Geology:** Slight/Imperceptible.
		Land Take: Potential for overlap in land take boundaries at the proposed Glasnevin Station (proposed DART+ West and South-west Station) and at the proposed Tara Station (proposed Dart+ Coastal South).	**Land Take:** Engagement with Dart+ regarding land take requirements and scheduling of the construction works.	**Land Take:** Not Significant.
		Infrastructure & Utilities: Potential for cumulative effects on infrastructure and utilities at the proposed Glasnevin Station (proposed DART+ West and South-west Station) and at the proposed Tara Station (proposed Dart+ Coastal South).	**Infrastructure & Utilities:** Proposed mitigation could include negotiation to ensure works are not undertaken concurrently. All utility diversions and new connections will be agreed with the relevant service providers. Designs for utility diversions have already been agreed in principle with the relevant utility providers and design refinement will be subject to further consultation. The duration of any service outage will be finalised with the relevant utility providers.	**Infrastructure & Utilities:** Not significant
		Agronomy: None.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: Impacts to potential post medieval archaeological deposits. Cumulative impact on archaeological heritage of Dublin but not considered significant	**Archaeology & Cultural Heritage:** Proposed mitigation within this EIAR is sufficient to manage the cumulative impact	**Archaeology & Cultural Heritage:** Not Significant
		Architectural Heritage: Some cumulative impact though the works for DART+ form part of the Metrolink project and the additional potential impact on architectural heritage is not significant.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** Not Significant
		Landscape & Visual: Glasnevin Station and adjacent rail line only potentially affected. Dart+ proposals are incorporated within the MetroLink project and therefore assessed as part of the project.	**Landscape & Visual:** MetroLink project design to integrate the requirements of this scheme	**Landscape & Visual:** Not Significant
n/a	DART+ Tunnel Element (Kildare Line to Northern Line)	**Traffic & Transport:** Potential negative impact if Construction Phases are to overlap at Glasnevin. Positive long-term cumulative impact during Operational Phases	**Traffic & Transport:** Not applicable.	**Traffic & Transport:** Negative and Slight impact during Construction Phase. Positive long-term impact during Operational Phase
		Human Health: Potential positive human health impact in the Operational Phases in terms of increasing access to public transport and decreasing health inequalities	**Human Health:** Not applicable.	**Human Health:** Positive and Slight during Operational Phase
		Population & Land-Use: Given the scale and proximity of these developments, local accessibility and amenity for the population could potentially be impacted should these developments be constructed concurrently. Positive and Slight impact for the Operational Phase, in terms of increasing access to and better provision of sustainable public transport options.	**Population & Land-Use:** Traffic and transport mitigation measures outlined in Chapter 9 (Traffic & Transport) of the EIAR will be implemented during construction to reduce impact on population	**Population & Land-Use:** Not Significant. during construction. Positive and Slight during operation.
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** Not Significant.
		Airborne Noise & Vibration: Projects are sufficiently set back from each other such that there are no likely significant cumulative noise or vibration impacts associated with Construction Phase. Both projects working on improvements in connected public infrastructure which has the potential to reduce private car dependence and traffic noise along road network.	**Airborne Noise & Vibration:** Not applicable.	**Airborne Noise & Vibration:** Not Significant.
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity Potential for cumulative impacts on habitats and species as a result of direct habitat loss arising from the construction of the proposed Project.	**Biodiversity**: Mitigation proposed in Chapter 15 (Biodiversity) of the EIAR to minimise habitat loss and retain vegetation during the Construction Phase of the proposed Project will mitigate potential cumulative impacts on habitats and species.	**Biodiversity:**

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Potential for cumulative impacts on downstream habitats arising from an accidental pollution event during the construction or operation of this development. Accidental pollution events could result in habitat degradation, and habitat loss arising from extreme habitat degradation. Should the Construction Phases overlap there is potential for cumulative disturbance on fauna resulting in displacement from the locality. Increased disturbance effects arising from the operational stages may act cumulatively to permanently displace fauna from the locality. There is potential for cumulative mortality effects on fauna species arising from collision/electrocution risk with vehicles/trains/overhead wires during the Operational Phases. There is potential for cumulative habitat severance/barrier effects on fauna arising from the construction and operation of new infrastructure developments.	Mitigation proposed in Chapter 15 (Biodiversity) and Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events. Mitigation proposed in this EIAR to reduce disturbance impacts on fauna species during the Construction Phase of the proposed Project will mitigate potential cumulative impacts on fauna species. Fauna species in the locality may become habituated to a higher baseline level of disturbance during the Operational Phase although some species (i.e. breeding birds) may be permanently displaced from habitats immediately surrounding these developments. Mitigation proposed to reduce mortality of fauna species during construction and operation of the proposed Project will mitigate potential cumulative impacts on fauna species. Mitigation proposed in this EIAR to reduce habitat severance/barrier effects on fauna species during construction and operation of the proposed Project will mitigate potential cumulative impacts on fauna species.	Habitat loss: Significant at the local geographic scale and permanent Surface water: Not Significant. Disturbance: Not significant Mortality: Not significant Habitat severance/barrier effects: Not Significant.
		Air Quality: Both projects working on improvements in connected public infrastructure which has the potential to reduce private car dependence and emissions.	**Air Quality:** Not applicable.	**Air Quality:** Potential to reduce private car dependence and air emissions through improved public transport network
		Climate: Both projects working on improvements in connected public infrastructure. The Projects will provide sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate:** Not applicable.	**Climate:** Potential to reduce private car dependence and GHG emissions through improved public transport network
		Hydrology: Potential for cumulative impact due to removal of subsoils and/or contaminated soils on this development and the proposed Project, including at Glasnevin. Potential for cumulative impact on site drainage and connection with the Tolka River to the north for example due to accidental pollution event during the construction and/or operation of this development on the river and hence potential impact on downstream habitats including River Tolka Estuary and Dublin Bay.	**Hydrology:** Identification of suitable disposal licenced sites for contaminated soil. Mitigation proposed to protect surface water quality at nearby watercourses including the Tolka River during construction and operation of the proposed Project will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats	**Hydrology:** Not Significant.
		Hydrogeology: Potential for cumulative impact due to removal of subsoils and/or contaminated soils on both developments. Potential for cumulative impact on site drainage and connection with Tolka River to the north for example due to accidental pollution event/discharge to ground during the construction and/or operation of this development on the river and hence potential impact on downstream habitats including River Tolka Estuary and Dublin Bay. Short-term dewatering effects possible where basement included. Potential nominal local reduction in recharge to ground.	**Hydrogeology:** Identification of suitable disposal licenced sites for contaminated soil or other for subsoils. Mitigation proposed to protect groundwater as well as surface water quality including the Tolka River, during construction and operation of the proposed Project will prevent groundwater and/or surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Recharge to ground where feasible as part of SuDS.	**Hydrogeology:** Not Significant.
		Soils & Geology: Cumulative impacts relating to soils and geology unlikely given distance from proposed Project, setting and nature of development	**Soils & Geology:** Not applicable.	**Soils & Geology:** None.
		Land Take: Potential for overlap in land take boundaries at the proposed Glasnevin Station (proposed DART+ West and South-west Station) and at the proposed Tara Station (proposed Dart+ Coastal South).	**Land Take:** Engagement with Dart+ regarding land take requirements and scheduling of the construction works.	**Land Take:** Not Significant.
		Infrastructure & Utilities: Potential for cumulative effects on infrastructure and utilities at the proposed Glasnevin Station (proposed DART+ West and South-west Station) and at the proposed Tara Station (proposed Dart+ Coastal South).	**Infrastructure & Utilities:** Proposed mitigation could include negotiation to ensure works are not undertaken concurrently. All utility diversions and new connections will be agreed with the relevant service providers. Designs for utility diversions have already been agreed in principle with the relevant utility providers and design refinement will be subject to further consultation. The duration of any service outage will be finalised with the relevant utility providers.	**Infrastructure & Utilities:** Not significant
		Agronomy: None.	**Agronomy:** Not applicable.	**Agronomy:** None.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: Impacts to potential post medieval archaeological deposits. Cumulative impact on archaeological heritage of Dublin but not considered significant	**Archaeology & Cultural Heritage:** Proposed mitigation within this EIAR is sufficient to manage the cumulative impact	**Archaeology & Cultural Heritage:** Not Significant
		Architectural Heritage: Within the study area for architectural heritage. However, the proposed Project works will be largely underground at these locations or will be temporary works above ground and no cumulative impact is predicted.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: Glasnevin Station and adjacent rail line only potentially affected. Dart+ proposals are incorporated within the MetroLink project and therefore assessed as part of the project.	**Landscape & Visual:** MetroLink project design to integrate the requirements of this scheme	**Landscape & Visual:** Not Significant
n/a	Luas Green Line Capacity Enhancement - Phase 2	**Traffic & Transport:** No significant impact predicted during construction. Positive long-term cumulative impact during Operational Phases	**Traffic & Transport:** Not applicable.	**Traffic & Transport:** Not Significant. during Construction Phase. Positive long-term impact during Operational Phase.
		Human Health: Potential positive human health impact in the Operational Phases in terms of increasing access to public transport and decreasing health inequalities	**Human Health:** Not applicable.	**Human Health:** Positive and Slight during Operational Phase
		Population & Land-Use: No significant cumulative impact anticipated during construction. Given the nature of this development, no significant cumulative effects anticipated with respect to population during operation of this development	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** Not Significant.
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** Imperceptible.
		Airborne Noise & Vibration: Projects are sufficiently set back from each other such that there are no likely significant cumulative noise or vibration impacts associated with Construction Phase Both projects working on improvements in connected public infrastructure which has the potential to reduce private car dependence and traffic noise along road network.	**Airborne Noise & Vibration:** Not applicable.	**Airborne Noise & Vibration:** Not Significant.
		Groundborne Noise & Vibration: Groundborne noise and vibration from Metrolink trains will be mitigated by the track support system so that even if groundborne noise or vibration from the passage of a Luas tram were to coincide with that from a Metrolink train there would be no significant cumulative effect.	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity Potential for cumulative impacts on habitats and species as a result of direct habitat loss arising from the construction of the proposed Project. Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction and/or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss from extreme habitat degradation. Should the Construction Phases overlap there is potential for cumulative disturbance on fauna resulting in displacement from the locality. Increased disturbance effects arising from the operational stages may act cumulatively to permanently displace fauna from the locality.	**Biodiversity:** Mitigation proposed in proposed Chapter 15 (Biodiversity) and Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events. Mitigation proposed in Chapter 15 (Biodiversity) to reduce disturbance impacts on fauna species during the Construction Phase of the proposed Project will mitigate potential cumulative impacts on fauna species. Mitigation proposed in Chapter 15 (Biodiversity) to minimise habitat loss and retain vegetation during the Construction Phase of the proposed Project will mitigate potential cumulative impacts on habitats and species. Nonetheless, the effects of habitat loss will remain significant at the local geographic scale for the habitats depositing / lowland rivers (FW2), drainage ditches (FW4), species-rich dry calcareous grassland (GS1), wet grassland (GS4), (mixed) broadleaved woodland (WD1), mixed conifer woodland (WD3), scattered trees and parkland (WD5), hedgerows (WL1), treelines (WL2) and immature woodland (WS2), and for the breeding bird species yellowhammer.	**Biodiversity:** Surface water: Not Significant. Disturbance: Not significant Habitat loss: Significant at the local geographic scale and permanent.
		Air Quality: Both projects working on improvements in connected public infrastructure which has the potential to reduce private car dependence and emissions.	**Air Quality:** Not applicable.	**Air Quality:** Potential to reduce private car dependence and air emissions through improved public transport network

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Climate: Both projects working on improvements in connected public infrastructure. The Projects will provide sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate:** Not applicable.	**Climate:** Potential to reduce private car dependence and GHG emissions through improved public transport network
		Hydrology: Potential for cumulative impact due to removal of subsoils and/or contaminated soils on this development and the proposed Project. Potential for cumulative impact on site drainage and connection with the River Liffey for example due to accidental pollution event during the construction and/or operation of this development on the river and hence potential impact on downstream habitats including Dublin Bay.	**Hydrology:** Identification of suitable disposal licenced sites for contaminated soil. Mitigation proposed to protect surface water quality at nearby watercourses including the River Liffey during construction and operation of the proposed Project will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats	**Hydrology:** Not Significant.
		Hydrogeology: Potential for cumulative impact due to removal of subsoils and/or contaminated soils on both developments. Potential for cumulative impact on site drainage and connection with River Liffey for example due to accidental pollution event/discharge to ground during the construction and/or operation of this development on the river and hence potential impact on downstream habitats including Dublin Bay. Potential nominal local reduction in recharge to ground.	**Hydrogeology:** Identification of suitable disposal licenced sites for contaminated soil or other for subsoils. Mitigation proposed to protect groundwater as well as surface water quality including the River Liffey during construction and operation of the proposed Project will prevent groundwater and/or surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Recharge to ground where feasible as part of SuDS.	**Hydrogeology:** Not Significant.
		Soils & Geology: Cumulative impacts relating to soils and geology unlikely given distance from proposed Project, setting and nature of development.	**Soils & Geology:** Not applicable.	**Soils & Geology:** None.
		Land Take: Potential for overlap in land take boundaries at the proposed Charlemont Station.	**Land Take:** Engagement with Luas Cross City and NTA regarding land take requirements and scheduling of the construction works.	**Land Take:** Not Significant.
		Infrastructure & Utilities: Potential for cumulative effects on infrastructure and utilities at the proposed Charlemont Station.	**Infrastructure & Utilities:** Engagement with Luas Cross City and NTA regarding scheduling of the construction works. All utility diversions and new connections will be agreed with the relevant service providers. Designs for utility diversions have already been agreed in principle with the relevant utility providers and design refinement will be subject to further consultation. The duration of any service outage will be finalised with the relevant utility providers.	**Infrastructure & Utilities:** Not Significant.
		Agronomy: None.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: Impacts to potential post medieval archaeological deposits. Cumulative impact on archaeological heritage of Dublin but not considered significant	**Archaeology & Cultural Heritage:** Proposed mitigation within this EIAR is sufficient to manage the cumulative impact	**Archaeology & Cultural Heritage:** Not Significant
		Architectural Heritage: No cumulative impact predicted.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: The impact of the proposed Project will not be significantly altered due to this scheme going ahead	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** Not Significant
n/a	Finglas Luas (Green Line extension Broombridge to Finglas)	**Traffic & Transport:** Potential negative impact if Construction Phases overlap at Glasnevin. Positive long-term cumulative impact during Operational Phases	**Traffic & Transport:** Not applicable.	**Traffic & Transport:** Negative and Slight during Construction Phase. Positive long-term impact during Operational Phase
		Human Health: Potential positive human health impact in the Operational Phases in terms of increasing access to public transport and decreasing health inequalities	**Human Health:** Not applicable.	**Human Health:** Positive and Slight during Operational Phase
		Population & Land-Use: Given the scale and proximity of these developments, local accessibility and amenity for the population could potentially be impacted should these developments be constructed concurrently.	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** Negative and Slight during construction. Positive and Slight during operation.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Given the nature of this development, slight positive cumulative effects anticipated due to improved public transport network with respect to population during operation of this development		
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** Imperceptible.
		Airborne Noise & Vibration: Projects are sufficiently set back from each other such that there are no likely significant cumulative noise or vibration impacts associated with Construction Phase Both projects working on improvements in connected public infrastructure which has the potential to reduce private car dependence and traffic noise along road network.	**Airborne Noise & Vibration:** Not applicable.	**Airborne Noise & Vibration:** Not Significant.
		Groundborne Noise & Vibration: The locations are too widely separated for there to be any cumulative groundborne noise & vibration effect.	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity Potential for cumulative impacts on habitats and species as a result of direct habitat loss arising from the construction of the proposed Project. Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction and/or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss from extreme habitat degradation. Should the Construction Phases overlap there is potential for cumulative disturbance on fauna resulting in displacement from the locality. Increased disturbance effects arising from the operational stages may act cumulatively to permanently displace fauna from the locality.	**Biodiversity:** Mitigation proposed in proposed Chapter 15 (Biodiversity) and Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events. Mitigation proposed in Chapter 15 (Biodiversity) to reduce disturbance impacts on fauna species during the Construction Phase of the proposed Project will mitigate potential cumulative impacts on fauna species. Mitigation proposed in Chapter 15 (Biodiversity) to minimise habitat loss and retain vegetation during the Construction Phase of the proposed Project will mitigate potential cumulative impacts on habitats and species. Nonetheless, the effects of habitat loss will remain significant at the local geographic scale for the habitats depositing / lowland rivers (FW2), drainage ditches (FW4), species-rich dry calcareous grassland (GS1), wet grassland (GS4), (mixed) broadleaved woodland (WD1), mixed conifer woodland (WD3), scattered trees and parkland (WD5), hedgerows (WL1), treelines (WL2) and immature woodland (WS2), and for the breeding bird species yellowhammer.	**Biodiversity:** Surface water: Not Significant. Disturbance: Not significant Habitat loss: Significant at the local geographic scale and permanent.
		Air Quality: Both projects working on improvements in connected public infrastructure which has the potential to reduce private car dependence and emissions	**Air Quality:** Not applicable.	**Air Quality:** Potential to reduce private car dependence and air emissions through improved public transport network
		Climate: Both projects working on improvements in connected public infrastructure. The Projects will provide sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate:** Not applicable.	**Climate:** Potential to reduce private car dependence and GHG emissions through improved public transport network.
		Hydrology: Potential for cumulative impact due to removal of subsoils and/or contaminated soils on this development and the proposed Project. Potential for cumulative impact on site drainage and connection with the Tolka River to the north for example due to accidental pollution event during the construction and/or operation of this development on the river and hence potential impact on downstream habitats including River Tolka Estuary and Dublin Bay.	**Hydrology:** Identification of suitable disposal licenced sites for contaminated soil. Mitigation proposed to protect surface water quality at nearby watercourses including the Tolka River during construction and operation of the proposed Project will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats	**Hydrology:** Not Significant.
		Hydrogeology: Potential for cumulative impact due to removal of subsoils and/or contaminated soils on both developments. Potential for cumulative impact on site drainage and connection with Tolka River to the north for example due to accidental pollution event/discharge to ground during the construction and/or operation of this development on the river and hence potential impact on downstream habitats including River Tolka Estuary and Dublin Bay. Potential nominal local reduction in recharge to ground.	**Hydrogeology:** Identification of suitable disposal licenced sites for contaminated soil or other for subsoils. Mitigation proposed to protect groundwater as well as surface water quality including the Tolka River, during construction and operation of the proposed Project will prevent groundwater and/or surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Recharge to ground where feasible as part of SuDS.	**Hydrogeology:** Not Significant.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Soils & Geology: Cumulative impacts relating to soils and geology unlikely given distance from proposed Project, setting and nature of development	**Soils & Geology:** Not applicable.	**Soils & Geology:** None.
		Land Take: None. The development site is approximately 1.8km north-west of the proposed Project alignment and is outside of the proposed permanent and temporary land take boundaries.	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: Given the distance of this development from the proposed Project (approximately1.8km north-west of the proposed Glasnevin Station and alignment) no cumulative effects are predicted with respect to infrastructure and utilities.	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** None.
		Agronomy: None.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: Impacts to potential post medieval archaeological deposits. Cumulative impact on archaeological heritage of Dublin but not considered significant	**Archaeology & Cultural Heritage:** Proposed mitigation within this EIAR is sufficient to manage the cumulative impact	**Archaeology & Cultural Heritage:** Not Significant
		Architectural Heritage: No cumulative impact predicted.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: No cumulative impact predicted.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** None.
n/a	Extension of Luas Green Line to Bray	**Traffic & Transport:** No significant impact predicted during construction. Positive long-term cumulative impact during Operational Phases.	**Traffic & Transport:** Not applicable.	**Traffic & Transport:** Not Significant. during Construction Phase. Positive long-term impact during Operational Phase.
		Human Health: Potential positive human health impact in the Operational Phases in terms of increasing access to public transport and decreasing health inequalities	**Human Health:** Not applicable.	**Human Health:** Positive and Slight during Operational Phase
		Population & Land-Use: Given the distance of this development from the proposed Project, no significant cumulative effects anticipated with respect to population and land use will arise during construction or operation of this development.	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** Not Significant.
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** Imperceptible.
		Airborne Noise & Vibration: Projects are sufficiently set back from each other such that there are no likely significant cumulative noise or vibration impacts associated with Construction Phase Both projects working on improvements in connected public infrastructure which has the potential to reduce private car dependence and traffic noise along road network.	**Airborne Noise & Vibration:** Not applicable.	**Airborne Noise & Vibration:** Not Significant.
		Groundborne Noise & Vibration: The locations are too widely separated for there to be any cumulative groundborne noise & vibration effect	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity: The project is in a separate sub-catchment to the proposed Project, and therefore there is no possibility of in-combination impacts with regards to watery quality impacts. The project is also a large distance of separation from the proposed project and therefore none of the impacts associated with the project are within the ZoI of the proposed Project.	**Biodiversity:** Not applicable.	**Biodiversity:** None.
		Air Quality: Both projects working on improvements in connected public infrastructure which has the potential to reduce private car dependence and emissions.	**Air Quality:** Not applicable.	**Air Quality:** Potential to reduce private car dependence and air emissions through improved public transport network.
		Climate: Both projects working on improvements in connected public infrastructure. The Projects will provide sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate:** Not applicable.	**Climate:** Potential to reduce private car dependence and GHG emissions through improved public transport network

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Hydrology: No significant cumulative impacts	**Hydrology:** Not applicable.	**Hydrology:** None.
		Hydrogeology: Potential for local reduction in recharge to ground	**Hydrogeology:** Recharge to ground where feasible as part of SuDS; Identification of suitable disposal routes for subsoils and/or licenced sites for contaminated soil	**Hydrogeology:** Imperceptible.
		Soils & Geology: Cumulative impacts relating to soils and geology unlikely given distance from proposed Project, setting and nature of development	**Soils & Geology:** Not applicable.	**Soils & Geology:** None.
		Land Take: This development falls within the permanent and temporary land take boundaries for the proposed Charlemont Station. There is a potential conflict here.	**Land Take:** Engagement with NTA to agree a mutually acceptable design for the Luas scheme incorporating the Charlemont Station box.	**Land Take:** Not significant
		Infrastructure & Utilities: There is a potential conflict at the proposed Charlemont Station with the provision of infrastructure and utilities and potential for cumulative impacts during construction.	**Infrastructure & Utilities:** Engagement with NTA to agree a mutually acceptable design for the infrastructure and utility service connections for the development. Any utility diversions and new connections will be agreed with the relevant service providers.	**Infrastructure & Utilities:** Not significant
		Agronomy: No cumulative impact predicted.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: Impacts to potential archaeological deposits. Cumulative impact on archaeological heritage of Dublin but not considered significant	**Archaeology & Cultural Heritage:** Proposed mitigation within this EIAR is sufficient to manage the cumulative impact	**Archaeology & Cultural Heritage:** Not Significant
		Architectural Heritage: No cumulative impact predicted.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: No cumulative impact predicted.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** None.
n/a	Lucan Luas	**Traffic & Transport:** No significant impact predicted during construction. Positive long-term cumulative impact during Operational Phases.	**Traffic & Transport:** Not applicable.	**Traffic & Transport:** Not Significant. during Construction Phase. Positive long-term impact during Operational Phase.
		Human Health: Potential Positive and Slight human health impacts for the Operational Phase, in terms of increasing access to public transport and decreasing health inequalities.	**Human Health:**	**Human Health:** Positive and Slight during Operational Phase
		Population & Land-Use: Given the distance of this development from the proposed Project, no significant cumulative effects anticipated with respect to population and land use will arise during construction or operation of this development.	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** Not Significant.
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** Imperceptible.
		Airborne Noise & Vibration: Projects are sufficiently set back from each other such that there are no likely significant cumulative noise or vibration impacts associated with Construction Phase Both projects working on improvements in connected public infrastructure which has the potential to reduce private car dependence and traffic noise along road network.	**Airborne Noise & Vibration:** Not applicable.	**Airborne Noise & Vibration:** Not Significant.
		Groundborne Noise & Vibration: The locations are too widely separated for there to be any cumulative groundborne noise & vibration effect	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction and/or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss from extreme habitat degradation.	**Biodiversity**: Mitigation proposed in Chapter 15 (Biodiversity) and Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events.	**Biodiversity**: Not Significant.
		Air Quality: Both projects working on improvements in connected public infrastructure which has the potential to reduce private car dependence and emissions	**Air Quality:** Not applicable.	**Air Quality:** Potential to reduce private car dependence and air emissions through improved public transport network
		Climate: Both projects working on improvements in connected public infrastructure. The Projects will provide sustainable transport solution and facilitate compact growth and	**Climate:** Not applicable.	**Climate:** Potential to reduce private car dependence and GHG

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.		emissions through improved public transport network.
		Hydrology: Potential for cumulative impact due to removal of subsoils and/or contaminated soils on this development and the proposed Project. Potential for cumulative impact on site drainage and connection with the River Liffey/tributaries thereof for example due to accidental pollution event during the construction and/or operation of this development on the river and hence potential impact on downstream habitats including at Dublin Bay.	**Hydrology:** Identification of suitable disposal licenced sites for contaminated soil. Mitigation proposed to protect surface water quality at nearby watercourses including the River Liffey during construction and operation of the proposed Project will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats	**Hydrology:** Not Significant.
		Hydrogeology: Potential for cumulative impact due to removal of subsoils and/or contaminated soils on both developments. Potential for cumulative impact on site drainage and connection with River Liffey for example due to accidental pollution event/discharge to ground during the construction and/or operation of this development on the river and hence potential impact on downstream habitats including at Dublin Bay. Potential nominal local reduction in recharge to ground.	**Hydrogeology:** Identification of suitable disposal licenced sites for contaminated soil or other for subsoils. Mitigation proposed to protect groundwater as well as surface water quality including the Tolka River, during construction and operation of the proposed Project will prevent groundwater and/or surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Recharge to ground where feasible as part of SuDS.	**Hydrogeology:** Not Significant.
		Soils & Geology: Cumulative impacts relating to soils and geology unlikely given distance from proposed Project, setting and nature of development.	**Soils & Geology:** Not applicable.	**Soils & Geology:** None.
		Land Take: None. The development site is approximately 4.7km west of the proposed Charlemont Station and alignment and is outside of the proposed permanent and temporary land take boundaries.	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: Given the distance of this development from the proposed Project, no cumulative effects are predicted to occur with respect to infrastructure and utilities during construction or operation of this development.	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** None.
		Agronomy: No cumulative impact predicted.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: Impacts to potential archaeological deposits. Cumulative impact on archaeological heritage of Dublin but not considered significant	**Archaeology & Cultural Heritage:** Proposed mitigation within this EIAR is sufficient to manage the cumulative impact	**Archaeology & Cultural Heritage:** Not Significant
		Architectural Heritage: No cumulative impact predicted.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: No cumulative impact predicted.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** None.
n/a	Poolbeg Luas	**Traffic & Transport:** No significant impact predicted during construction. Positive long-term cumulative impact during Operational Phases	**Traffic & Transport:** Not applicable.	**Traffic & Transport:** Not Significant. during Construction Phase. Positive long-term impact during Operational Phase
		Human Health: Potential positive human health impact in the Operational Phases in terms of increasing access to public transport and decreasing health inequalities	**Human Health:** Not applicable.	**Human Health:** Positive and Slight during Operational Phase
		Population & Land-Use: No significant cumulative impact anticipated during construction. Given the nature of this development, accessibility would improve during operation of this development.	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** Not Significant. during construction. Positive and Slight impact during operation.
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** Imperceptible.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Airborne Noise & Vibration: Projects are sufficiently set back from each other such that there are no likely significant cumulative noise or vibration impacts associated with Construction Phase. Both projects working on improvements in connected public infrastructure which has the potential to reduce private car dependence and traffic noise along road network.	**Airborne Noise & Vibration:** Not applicable.	**Airborne Noise & Vibration:** Not Significant.
		Groundborne Noise & Vibration: The locations are too widely separated for there to be any cumulative groundborne noise & vibration effect	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction and/or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss from extreme habitat degradation. Should the Construction Phases overlap there is potential for cumulative disturbance on fauna resulting in displacement from the locality. Increased disturbance effects arising from the operational stages may act cumulatively to permanently displace fauna from the locality.	**Biodiversity:** Mitigation proposed in proposed Chapter 15 (Biodiversity) and Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events. Mitigation proposed in Chapter 15 (Biodiversity) to reduce disturbance impacts on fauna species during the Construction Phase of the proposed Project will mitigate potential cumulative impacts on fauna species.	**Biodiversity:** Not Significant.
		Air Quality: Both projects working on improvements in connected public infrastructure which has the potential to reduce private car dependence and emissions.	**Air Quality:** Not applicable.	**Air Quality:** Potential to reduce private car dependence and air emissions through improved public transport network
		Climate: Both projects working on improvements in connected public infrastructure. The Projects will provide sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate:** Not applicable.	**Climate:** Potential to reduce private car dependence and GHG emissions through improved public transport network.
		Hydrology: Potential for cumulative impact due to removal of subsoils and/or contaminated soils on this development and the proposed Project. Potential for cumulative impact on site drainage and connection with the River Liffey for example due to accidental pollution event during the construction and/or operation of this development on the river and hence potential impact on downstream habitats including at Dublin Bay in general.	**Hydrology:** Identification of suitable disposal licenced sites for contaminated soil. Mitigation proposed to protect surface water quality at nearby watercourses including the River Liffey during construction and operation of the proposed Project will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats	**Hydrology:** Not Significant.
		Hydrogeology: Potential for cumulative impact due to removal of subsoils and/or contaminated soils on both developments. Potential for cumulative impact on site drainage and connection with River Liffey for example due to accidental pollution event/discharge to ground during the construction and/or operation of this development on the river and hence potential impact on downstream habitats including at Dublin Bay. Potential nominal local reduction in recharge to ground.	**Hydrogeology:** Identification of suitable disposal licenced sites for contaminated soil or other for subsoils. Mitigation proposed to protect groundwater as well as surface water quality including the Tolka River, during construction and operation of the proposed Project will prevent groundwater and/or surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Recharge to ground where feasible as part of SuDS.	**Hydrogeology:** Not Significant.
		Soils & Geology: Cumulative impacts relating to soils and geology unlikely given distance from proposed Project, setting and nature of development	**Soils & Geology:** Not applicable.	**Soils & Geology:** None.
		Land Take: None. The development site is approximately 1.6km east of the proposed Tara Station and alignment and is outside of the proposed permanent and temporary land take boundaries.	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: Given the distance of this development from the proposed Project, no cumulative effects are predicted to occur with respect to infrastructure and utilities during construction or operation of this development.	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** None.
		Agronomy: No cumulative impact predicted.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Archaeology & Cultural Heritage: Impacts to potential archaeological deposits. Cumulative impact on archaeological heritage of Dublin but not considered significant	**Archaeology & Cultural Heritage:** Proposed mitigation within this EIAR is sufficient to manage the cumulative impact	**Archaeology & Cultural Heritage:** Not Significant
		Architectural Heritage: No cumulative impact predicted.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: No cumulative impact predicted.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** None.
n/a	Metro South	**Traffic & Transport:** Positive long-term cumulative impact during Operational Phases.	**Traffic & Transport:** Not applicable.	**Traffic & Transport:** Positive long-term impact during Operational Phase
		Human Health: Potential positive human health impact in the Operational Phases in terms of increasing access to public transport and decreasing health inequalities	**Human Health:** Not applicable.	**Human Health:** Positive and Slight during Operational Phase
		Population & Land-Use: Given the nature of this development, accessibility would improve during operation of this development	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** Not Significant.
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** Imperceptible.
		Airborne Noise & Vibration: There is no likely overlapping of construction works due to timeline of both projects.. Both projects working on improvements in connected public infrastructure which has the potential to reduce private car dependence and traffic noise along road network.	**Airborne Noise & Vibration:** Not applicable.	**Airborne Noise & Vibration:** Not Significant.
		Groundborne Noise & Vibration: Extension of MetroLink to Sandyford would not cause any cumulative effects with those predicted for the current scheme.	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss from extreme habitat degradation.	**Biodiversity**: Mitigation proposed in Chapter 15 (Biodiversity) and Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 to protect surface water quality during operation of the proposed Project will prevent surface water pollution events.	**Biodiversity:** Not Significant.
		Air Quality: Both projects working on improvements in connected public infrastructure which has the potential to reduce private car dependence and emissions	**Air Quality:** Not applicable.	**Air Quality:** Potential to reduce private car dependence and air emissions through improved public transport network
		Climate: Both projects working on improvements in connected public infrastructure. The Projects will provide sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate:** Not applicable.	**Climate:** Potential to reduce private car dependence and GHG emissions through improved public transport network
		Hydrology: Potential for cumulative impact on site drainage and connection with nearby surface water courses (Dodder for example) due to accidental pollution event during the operation of this development and hence potential impact on downstream habitats including Dublin Bay in general.	**Hydrology:** Mitigation proposed to protect surface water quality at nearby watercourses/Dublin Bay during operation of the proposed Project will prevent surface water pollution events.	**Hydrology:** Not Significant.
		Hydrogeology: Potential for cumulative impact on site drainage and connection with nearby surface water courses (Dodder for example) due to accidental pollution event/discharge to ground during the operation of this development and hence potential impact on downstream habitats including Dublin Bay. Potential nominal local reduction in recharge to ground.	**Hydrogeology:** Mitigation proposed to protect groundwater as well as surface water quality at nearby water courses/Dublin Bay during construction and operation of the proposed Project will prevent groundwater and/or surface water pollution events. Recharge to ground where feasible as part of SuDS.	**Hydrogeology:** Not Significant./Imperceptible.
		Soils & Geology: intersects/joins with MetroLink route Charlemont Station. Potential for cumulative settlement effect if developments coincide in terms of programme	**Soils & Geology:** Proposed mitigation could include negotiation to ensure works are not undertaken concurrently or potentially ground treatment to reduce likelihood of settlement	**Soils & Geology:** Slight/Imperceptible.
		Land Take: This development falls within the permanent and temporary land take boundaries for the proposed Charlemont Station. There is a potential conflict here.	**Land Take:** Engagement with NTA to agree a mutually acceptable design for the Luas scheme incorporating the Charlemont Station box.	**Land Take:** Not significant
		Infrastructure & Utilities: There is a potential conflict at the proposed Charlemont Station with the provision of infrastructure and utilities and potential for cumulative impacts during construction.	**Infrastructure & Utilities:** Engagement with NTA to agree a mutually acceptable design for the infrastructure and utility service connections for the development. Any utility diversions and new connections will be agreed with the relevant service providers.	**Infrastructure & Utilities:** Not significant

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Agronomy: No cumulative impact predicted.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: Impacts to potential post medieval archaeological deposits. Cumulative impact on archaeological heritage of Dublin but not considered significant	**Archaeology & Cultural Heritage:** Proposed mitigation within this EIAR is sufficient to manage the cumulative impact	**Archaeology & Cultural Heritage:** Not Significant
		Architectural Heritage: Some cumulative impact but not significant and confined to properties in the immediate vicinity of the point where the proposed Project and Metro South would meet.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** Not Significant.
		Landscape & Visual: Not significant	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** None.
n/a	Greater Dublin Area Cycle Network Plan	**Traffic & Transport:** Ranelagh Road is identified as Southern City gateway – potential negative impact at Charlemont station during construction. Positive long-term cumulative impact during Operational Phases	**Traffic & Transport:** Not applicable.	**Traffic & Transport:** Negative and Slight impact during Construction Phase, positive and Slight impact in Operational Phase.
		Human Health: Potential positive human health impact in the Operational Phases in terms of increasing access to public transport and decreasing health inequalities	**Human Health:** Not applicable.	**Human Health:** Positive and Slight during Operational Phase
		Population & Land-Use: No significant cumulative impact anticipated during construction. Given the nature of this development, accessibility would improve during operation of this development.	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** Not Significant.
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** Imperceptible.
		Airborne Noise & Vibration: Both projects working on improvements in connected public infrastructure which has the potential to reduce private car dependence and traffic noise along road network.	**Airborne Noise & Vibration:** Not applicable.	**Airborne Noise & Vibration:** Not Significant.
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction and/or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss from extreme habitat degradation. Should the Construction Phases overlap there is potential for cumulative disturbance on fauna resulting in displacement from the locality	**Biodiversity**: Mitigation proposed in Chapter 15 (Biodiversity) and Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events. Mitigation proposed in this EIAR to reduce disturbance impacts on fauna species during the Construction Phase of the proposed Project will mitigate potential cumulative impacts on fauna species.	**Biodiversity:** Not Significant.
		Air Quality: Both projects working on improvements in connected public infrastructure which has the potential to reduce private car dependence and emissions	**Air Quality:** Not applicable.	**Air Quality:** Potential to reduce private car dependence and air emissions through improved public transport network
		Climate: Both projects working on improvements in connected public infrastructure. The Projects will provide sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate:** Not applicable.	**Climate:** Potential to reduce private car dependence and GHG emissions through improved public transport network.
		Hydrology: No significant cumulative impacts predicted. However, potential for cumulative impact due to removal of subsoils and/or contaminated soils on this development and the proposed Project. Potential for cumulative impact on site drainage and connection with nearby surface water courses for example due to accidental pollution event during the Construction Phase of this development mainly and hence potential impact on downstream habitats including Dublin Bay.	**Hydrology:** Identification of suitable disposal routes for subsoils and/or licenced sites for contaminated soil Mitigation proposed to protect surface water quality at nearby watercourses/Dublin Bay mainly during construction of the proposed Project will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats	**Hydrology:** Not Significant.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Hydrogeology: No significant cumulative impacts predicted. However, potential for cumulative impact due to removal of contaminated soils on both developments. Potential for cumulative impact on site drainage and connection with nearby surface water courses for example due to accidental pollution event/discharge to ground during the Construction Phase of this development mainly and hence potential impact on downstream habitats including Dublin Bay. Potential nominal local reduction in recharge to ground.	**Hydrogeology:** Identification of suitable disposal routes for subsoils and/or licenced sites for contaminated soil Mitigation proposed to protect groundwater as well as surface water quality at nearby water courses/Dublin Bay during construction and/or operation of the proposed Project will prevent groundwater and/or surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Recharge to ground where feasible as part of SuDS.	**Hydrogeology:** Imperceptible.
		Soils & Geology: Cumulative impacts relating to soils and geology unlikely given distance from proposed Project, setting and nature of development.	**Soils & Geology:** Not applicable.	**Soils & Geology:** None.
		Land Take: Potential land take conflict at the proposed Northwood Station.	**Land Take:** Engagement with NTA on the proposed route to avoid conflict. Project currently in the planning and design stage.	**Land Take:** None
		Infrastructure & Utilities: Due to the nature of the development, no cumulative effects are anticipated but further details of the scheme will be needed to assess potential utility clashes.	**Infrastructure & Utilities:** Engagement with NTA on the proposed route and design of the cycleway.	**Infrastructure & Utilities:** Not significant
		Agronomy: No cumulative impact predicted.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: Impacts to potential archaeological deposits. Cumulative impact on archaeological heritage of Dublin but not considered significant	**Archaeology & Cultural Heritage:** Proposed mitigation within this EIAR is sufficient to manage the cumulative impact	**Archaeology & Cultural Heritage:** Not Significant
		Architectural Heritage: No cumulative impact predicted.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: There are potential cumulative effects at: Lissenhall; Balheary pitches; R132 road junctions (inc. along R132 from Pinnock Hill roundabout to south of Airside Retail Park; Naul Road; R108 from Old Airport Road to M50 junction 4 (Ballymun); M50 roundabout south to Northwood station, along Santry River and at Santry Avenue junction; Ballymun station; Collins Ave station; Albert College Park; Griffith Park station and Griffith Park along the Tolka; Glasnevin station and adjacent roads from Lindsay Road to Royal Canal; St Stephens Green East; Charlemont station at Charlemont Place and Grand Parade. However, these are minor effects and where intersecting with MetroLink project, they have been accommodated/taken into account within the MetroLink project design.	**Landscape & Visual:** MetroLink project design to integrate the requirements of this scheme	**Landscape & Visual:** Imperceptible.
n/a	Reconfiguration of the N7 from its junction with the M50 to Naas, to rationalise junctions and accesses in order to provide a higher level of service for strategic traffic travelling on the mainline	**Traffic & Transport:** No significant impact predicted.	**Traffic & Transport:** Not applicable.	**Traffic & Transport:** Not Significant.
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: Given the distance of this development from the proposed Project, no significant cumulative effects anticipated with respect to population and land use will arise during construction or operation of this development	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** Not Significant.
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** Imperceptible.
		Airborne Noise & Vibration: Projects sufficiently set back from each other and screened by intervening structures such that no significant cumulative noise or vibration impacts are likely during the Construction Phase if both developments are under construction at the same time.	**Airborne Noise & Vibration:** Not applicable.	**Airborne Noise & Vibration:** Not Significant.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		There are no cumulative operational noise or vibration impacts		
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction and/or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss from extreme habitat degradation.	**Biodiversity**: Mitigation proposed in Chapter 15 (Biodiversity) and Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events.	**Biodiversity:** Not Significant.
		Air Quality: No significant cumulative effects predicted to occur with respect to air quality during construction or operation of this development	**Air Quality:** Not applicable.	**Air Quality:** Not Significant.
		Climate: Improvements in connected public infrastructure which has the potential to reduce private car emissions through reduced congestion. Overall reducing GHG emissions from transport. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate:** Not applicable.	**Climate:** Potential to reduce GHG emissions through improved transport network.
		Hydrology: Potential for cumulative impact due to removal of subsoils and/or contaminated soils on this development and the proposed Project. Potential for cumulative impact on site drainage and connection with the River Camac for example due to accidental pollution event during the construction and/or operation of this development on the river/its tributaries and hence potential impact on downstream habitats including at River Liffey and Dublin Bay.	**Hydrology:** Identification of suitable disposal licenced sites for contaminated soil. Mitigation proposed to protect surface water quality at nearby watercourses including the River Camac/its tributaries during construction and operation of the proposed Project will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats	**Hydrology:** Not Significant.
		Hydrogeology: Potential for cumulative impact due to removal of subsoils and/or contaminated soils on both developments. Potential for cumulative impact on site drainage and connection with River Camac for example due to accidental pollution event/discharge to ground during the construction and/or operation of this development on the river and hence potential impact on downstream habitats including at River Liffey and Dublin Bay. Potential nominal local reduction in recharge to ground.	**Hydrogeology:** Identification of suitable disposal licenced sites for contaminated soil or other for subsoils. Mitigation proposed to protect groundwater as well as surface water quality including the River Camac/its tributaries, during construction and operation of the proposed Project will prevent groundwater and/or surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Recharge to ground where feasible as part of SuDS.	**Hydrogeology:** Not Significant.
		Soils & Geology: Potential for permanent additional soil loss from development site. Effect is likely to be low adverse (loss of an area of medium fertility/use soils).	**Soils & Geology:** No mitigation possible for loss of local soils given nature of development, depends on development of a soil reuse strategy.	**Soils & Geology:** Slight
		Land Take: None. The development area is outside of the proposed Project permanent and temporary land take boundaries.	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: Given the nature of this development and intervening distance with the proposed Project, no cumulative effects are predicted to occur with respect to infrastructure and utilities during construction or operation.	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** None.
		Agronomy: No cumulative impact predicted.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: No cumulative impacts predicted due to distance of the development from the proposed Project	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No cumulative impacts predicted due to distance of the development from the proposed Project	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: No cumulative impacts predicted due to distance of the development from the proposed Project	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** None.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
n/a	Junction upgrades and other capacity improvements on the M1 motorway, including additional lanes south of Drogheda, where required	**Traffic & Transport:** Potential for a cumulative impact on traffic if Construction Phases were to overlap due to requirement of HGVs for the proposed Project using the M1 Motorway to access Huntstown Quarry.	**Traffic & Transport:** Contract will include a clause that Heavy Goods Vehicles from the northern section will use alternative routing during these upgrades, if Construction Phases overlaps.	**Traffic & Transport:** Negative and Moderate impact during Construction.
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: Given the distance of this development from the proposed Project, no significant cumulative effects anticipated with respect to population and land use will arise during construction or operation of this development.	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** Not Significant.
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** Imperceptible.
		Airborne Noise & Vibration: Projects sufficiently set back from each other and screened by intervening structures such that no significant cumulative noise or vibration impacts are likely during the Construction Phase if both developments are under construction at the same time.	**Airborne Noise & Vibration:** Not applicable.	**Airborne Noise & Vibration:** Not Significant.
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity Potential for cumulative impacts on habitats and species as a result of direct habitat loss arising from the construction of the proposed Project. Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction and/or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss from extreme habitat degradation. Should the Construction Phases overlap there is potential for cumulative disturbance on fauna resulting in displacement from the locality. Increased disturbance effects arising from the operational stages may act cumulatively to permanently displace fauna from the locality.	**Biodiversity:** Mitigation proposed in proposed Chapter 15 (Biodiversity) and Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events. Mitigation proposed in Chapter 15 (Biodiversity) to reduce disturbance impacts on fauna species during the Construction Phase of the proposed Project will mitigate potential cumulative impacts on fauna species. Mitigation proposed in Chapter 15 (Biodiversity) to minimise habitat loss and retain vegetation during the Construction Phase of the proposed Project will mitigate potential cumulative impacts on habitats and species. Nonetheless, the effects of habitat loss will remain significant at the local geographic scale for the habitats depositing / lowland rivers (FW2), drainage ditches (FW4), species-rich dry calcareous grassland (GS1), wet grassland (GS4), (mixed) broadleaved woodland (WD1), mixed conifer woodland (WD3), scattered trees and parkland (WD5), hedgerows (WL1), treelines (WL2) and immature woodland (WS2), and for the breeding bird species yellowhammer.	**Biodiversity:** Surface water: Not Significant. Disturbance: Not significant Habitat loss: Significant at the local geographic scale and permanent.
		Air Quality: No significant cumulative effects predicted to occur with respect to air quality during construction or operation of this development	**Air Quality:** Not applicable.	**Air Quality:** Not Significant.
		Climate: Improvements in connected public infrastructure which has the potential to reduce private car emissions through reduced congestion. Overall reducing GHG emissions from transport. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate:** Not applicable.	**Climate:** Potential to reduce GHG emissions through improved transport network
		Hydrology: No significant cumulative impacts predicted. However, potential for cumulative impact due to removal of subsoils and/or contaminated soils on this development and the proposed Project. Potential for cumulative impact on site drainage and connection with nearby surface water courses for example due to accidental pollution event during the Construction Phase of this development mainly and hence potential impact on downstream habitats including Malahide Estuary.	**Hydrology:** Identification of suitable disposal routes for subsoils and/or licenced sites for contaminated soil Mitigation proposed to protect surface water quality at nearby water features during construction of the proposed Project will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats	**Hydrology:** Not Significant.
		Hydrogeology: No significant cumulative impacts predicted. However, potential for cumulative impact due to removal of contaminated soils on both developments.	**Hydrogeology:** Identification of suitable disposal routes for subsoils and/or licenced sites for contaminated soil	**Hydrogeology:** Not Significant.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Potential for cumulative impact on site drainage and connection with nearby surface water courses for example due to accidental pollution event/discharge to ground during the Construction Phase of this development mainly and hence potential impact on downstream habitats including Malahide Estuary. Potential nominal local reduction in recharge to ground.	Mitigation proposed to protect groundwater as well as surface water quality at nearby water features during construction and/or operation of the proposed Project will prevent groundwater and/or surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Recharge to ground where feasible as part of SuDS.	
		Soils & Geology: Potential for permanent additional soil loss from development site south of Dublin, west of route. Effect is likely to be low adverse (loss of an area of medium fertility/use soils).	**Soils & Geology:** No mitigation possible for loss of local soils given nature of development, depends on development of a soil reuse strategy	**Soils & Geology:** Slight
		Land Take: None. The development area is outside of the proposed Project permanent and temporary land take boundaries.	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: No cumulative effects are predicted to occur with respect to infrastructure and utilities during construction of the M1 motorway junction upgrades and other capacity improvements.	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** None.
		Agronomy: No cumulative impact predicted.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: No cumulative impacts predicted due to distance of the development from the proposed Project	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No cumulative impacts predicted due to distance of the development from the proposed Project	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: No cumulative impacts predicted due to distance of the development from the proposed Project	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** None.
n/a	Widening of the M50 to three lanes in each direction between Junction 14 (Sandyford) and Junction 17 (M11) plus related junction and other changes	**Traffic & Transport:** No significant impact predicted	**Traffic & Transport:** Not applicable.	**Traffic & Transport:** Not Significant.
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: Given the distance of this development from the proposed Project, no significant cumulative effects anticipated with respect to population and land use will arise during construction or operation of this development	**Population & Land-Use:** Not applicable.	**Population & Land-Use:**
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** Imperceptible.
		Airborne Noise & Vibration: Projects sufficiently set back from each other and screened by intervening structures such that no potential for cumulative noise or vibration impacts during the Construction Phase if both developments are under construction at the same time. There are no cumulative operational noise or vibration impacts	**Airborne Noise & Vibration:** Not applicable.	**Airborne Noise & Vibration:** Not Significant.
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction and/or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss from extreme habitat degradation.	**Biodiversity**: Mitigation proposed in Chapter 15 (Biodiversity) and Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events.	**Biodiversity:** Not Significant.
		Air Quality: No significant cumulative effects predicted to occur with respect to air quality during construction or operation of this development.	**Air Quality:** Not applicable.	**Air Quality:** Not Significant.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Climate: Improvements in connected public infrastructure which has the potential to reduce private car emissions through reduced congestion. Overall reducing GHG emissions from transport. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate:** Not applicable.	**Climate:** Potential to reduce GHG emissions through improved transport network.
		Hydrology: No significant cumulative impacts predicted. However, potential for cumulative impact due to removal of subsoils and/or contaminated soils on this development and the proposed Project. Potential for cumulative impact on site drainage and connection with nearby surface water courses for example due to accidental pollution event during the Construction Phase of this development mainly and hence potential impact on downstream habitats including Dublin Bay.	**Hydrology:** Identification of suitable disposal routes for subsoils and/or licenced sites for contaminated soil Mitigation proposed to protect surface water quality at nearby water features/Dublin Bay during construction of the proposed Project will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats	**Hydrology:** Not Significant.
		Hydrogeology: No significant cumulative impacts predicted. However, potential for cumulative impact due to removal of contaminated soils on both developments. Potential for cumulative impact on site drainage and connection with nearby surface water courses for example due to accidental pollution event/discharge to ground during the Construction Phase of this development mainly and hence potential impact on downstream habitats including Dublin Bay. Potential nominal local reduction in recharge to ground.	**Hydrogeology:** Identification of suitable disposal routes for subsoils and/or licenced sites for contaminated soil Mitigation proposed to protect groundwater as well as surface water quality at nearby water features/Dublin Bay during construction and/or operation of the proposed Project will prevent groundwater and/or surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Recharge to ground where feasible as part of SuDS.	**Hydrogeology:** Not Significant.
		Soils & Geology: Potential for permanent additional soil loss from development site south of Dublin, west of route. Effect is likely to be low adverse (loss of an area of medium fertility/use soils).	**Soils & Geology:** No mitigation possible for loss of local soils given nature of development, depends on development of a soil reuse strategy	**Soils & Geology:** Slight
		Land Take: None. The development area is outside of the proposed Project permanent and temporary land take boundaries and is not continuous with any land take parcels.	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: Given the distance of this development from the proposed Project (approximately 6.5km south of the proposed Charlemont Station and alignment), no cumulative effects are predicted to occur with respect to infrastructure and utilities during construction or operation of this development.	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** None.
		Agronomy: No cumulative impact predicted.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: No cumulative impacts predicted due to distance of the development from the proposed Project	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No cumulative impacts predicted due to distance of the development from the proposed Project	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: No cumulative impacts predicted due to distance of the development from the proposed Project	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** None.
n/a	Reconfiguration of the N4 from its junction with the M50 to Leixlip to rationalise accesses and to provide additional	**Traffic & Transport:** No significant impact predicted	**Traffic & Transport:** Not applicable.	**Traffic & Transport:** Not Significant.
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
	capacity at the Quarryvale junction	**Population & Land-Use:** Given the distance of this development from the proposed Project, no significant cumulative effects anticipated with respect to population and land use will arise during construction or operation of this development.	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** Not Significant.
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** Imperceptible.
		Airborne Noise & Vibration: Projects sufficiently set back from each other and screened by intervening structures such that no significant cumulative noise or vibration impacts are likely during the Construction Phase if both developments are under construction at the same time. There are no cumulative operational noise or vibration impacts	**Airborne Noise & Vibration:** Not applicable.	**Airborne Noise & Vibration:** Not Significant.
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction and/or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss from extreme habitat degradation.	**Biodiversity** Mitigation proposed in Chapter 15 (Biodiversity) and Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events.	**Biodiversity:** Not Significant.
		Air Quality: No significant cumulative effects predicted to occur with respect to air quality during construction or operation of this development.	**Air Quality:** Not applicable.	**Air Quality:** Not Significant.
		Climate: Improvements in connected public infrastructure which has the potential to reduce private car emissions through reduced congestion. Overall reducing GHG emissions from transport. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate:** Not applicable.	**Climate:** Potential to reduce GHG emissions through improved transport network.
		Hydrology: Potential for cumulative impact due to removal of subsoils and/or contaminated soils on this development and the proposed Project. Potential for cumulative impact on site drainage and connection with the River Liffey for example due to accidental pollution event during the construction and/or operation of this development on the river/its tributaries and hence potential impact on downstream habitats including at River Liffey and Dublin Bay.	**Hydrology:** Identification of suitable disposal licenced sites for contaminated soil. Mitigation proposed to protect surface water quality at nearby watercourses including the River Liffey/its tributaries during construction and operation of the proposed Project will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats	**Hydrology:** Not Significant.
		Hydrogeology: Potential for cumulative impact due to removal of subsoils and/or contaminated soils on both developments. Potential for cumulative impact on site drainage and connection with River Liffey for example due to accidental pollution event/discharge to ground during the construction and/or operation of this development on the river and hence potential impact on downstream habitats including at River Liffey and Dublin Bay. Potential nominal local reduction in recharge to ground.	**Hydrogeology:** Identification of suitable disposal licenced sites for contaminated soil or other for subsoils. Mitigation proposed to protect groundwater as well as surface water quality including the River Liffey/its tributaries, during construction and operation of the proposed Project will prevent groundwater and/or surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Recharge to ground where feasible as part of SuDS.	**Hydrogeology:** Not Significant.
		Soils & Geology: Potential for permanent additional soil loss from development site south of Dublin, west of route. Effect is likely to be low adverse (loss of an area of medium fertility/use soils).	**Soils & Geology:** No mitigation possible for loss of local soils given nature of development, depends on development of a soil reuse strategy	**Soils & Geology:** Slight
		Land Take: None. The development area is outside of the proposed Project permanent and temporary land take boundaries.	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: Given the distance of this development from the proposed Project (approximately 7.5km southwest of the proposed Glasnevin Station and alignment), no cumulative effects are predicted to occur with respect to infrastructure and utilities during construction or operation of this development.	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** None.
		Agronomy: No cumulative impact predicted.	**Agronomy:** Not applicable.	**Agronomy:** None.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: No cumulative impacts predicted due to distance of the development from the proposed Project	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No cumulative impacts predicted due to distance of the development from the proposed Project	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: No cumulative impacts predicted due to distance of the development from the proposed Project	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** None.
n/a	Capacity enhancement and reconfiguration of the M11/N11 from Junction 4 (M50) to Junction 14 (Ashford) inclusive of ancillary and associated road schemes, to provide additional lanes and upgraded junctions, plus service roads and linkages to cater for loc	**Traffic & Transport:** No significant impact predicted	**Traffic & Transport:** Not applicable.	**Traffic & Transport:** Not Significant.
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: Given the distance of this development from the proposed Project, no significant cumulative effects anticipated with respect to population and land use will arise during construction or operation of this development	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** Not Significant.
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** Imperceptible.
		Airborne Noise & Vibration: Projects sufficiently set back from each other such that no significant cumulative noise or vibration impacts will occur during the Construction Phase if both developments are under construction at the same time. There are no cumulative operational noise or vibration impacts	**Airborne Noise & Vibration:** Not applicable.	**Airborne Noise & Vibration:** Not Significant.
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity: The project is in a separate sub-catchment to the proposed Project, and therefore there is no possibility of in-combination impacts with regards to watery quality impacts. The project is also a large distance of separation from the proposed project and therefore none of the impacts associated with the project are within the ZoI of the proposed Project	**Biodiversity:** Not applicable.	**Biodiversity:** None.
		Air Quality: No significant cumulative effects predicted to occur with respect to air quality during construction or operation of this development	**Air Quality:** Not applicable.	**Air Quality:** Not Significant.
		Climate: Improvements in connected public infrastructure which has the potential to reduce private car emissions through reduced congestion. Overall reducing GHG emissions from transport. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate:** Not applicable.	**Climate:** Potential to reduce GHG emissions through improved transport network.
		Hydrology: No significant cumulative impacts predicted. However, potential for cumulative impact due to removal of subsoils and/or contaminated soils on this development and the proposed Project. Potential for cumulative impact on site drainage and connection with nearby surface water courses for example due to accidental pollution event during the Construction Phase of this development mainly and hence potential impact on downstream habitats including Dublin Bay.	**Hydrology:** Identification of suitable disposal routes for subsoils and/or licenced sites for contaminated soil Mitigation proposed to protect surface water quality at nearby water features/Dublin Bay during construction of the proposed Project will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats	**Hydrology:** Not Significant.
		Hydrogeology: No significant cumulative impacts predicted. However, potential for cumulative impact due to removal of contaminated soils on both developments. Potential for cumulative impact on site drainage and connection with nearby surface water courses for example due to accidental pollution event/discharge to ground	**Hydrogeology:** Identification of suitable disposal routes for subsoils and/or licenced sites for contaminated soil Mitigation proposed to protect groundwater as well as surface water quality at nearby water features/Dublin Bay during construction and/or operation of the	**Hydrogeology:** Not Significant.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		during the Construction Phase of this development mainly and hence potential impact on downstream habitats including Dublin Bay. Potential nominal local reduction in recharge to ground.	proposed Project will prevent groundwater and/or surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Recharge to ground where feasible as part of SuDS.	
		Soils & Geology: Potential for permanent additional soil loss from development site south of Dublin, west of route. Effect is likely to be low adverse (loss of an area of medium fertility/use soils).	**Soils & Geology:** No mitigation possible for loss of local soils given nature of development, depends on development of a soil reuse strategy.	**Soils & Geology:** Slight
		Land Take: None. The development area is a considerable distance from the proposed Project permanent and temporary land take boundaries.	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: Given the distance of this development from the proposed Project (approximately 13.5km south-east of the proposed Charlemont alignment), no cumulative effects are predicted to occur with respect to infrastructure and utilities during construction or operation of this development.	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** None.
		Agronomy: No cumulative impact predicted.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: No cumulative impacts predicted due to distance of the development from the proposed Project	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No cumulative impacts predicted due to distance of the development from the proposed Project	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: No cumulative impacts predicted due to distance of the development from the proposed Project	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** None.
n/a	Enhancements of the N2/M2 national route inclusive of a bypass of Slane, to provide for additional capacity on the non-motorway sections of this route, and to address safety issues in Slane village associated with, in particular, heavy goods vehicles	**Traffic & Transport:** No significant impact predicted	**Traffic & Transport:** Not applicable.	**Traffic & Transport:** Not Significant.
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: Given the distance of this development from the proposed Project, no significant cumulative effects anticipated with respect to population and land use will arise during construction or operation of this development.	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** Not Significant.
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** Imperceptible.
		Airborne Noise & Vibration: Projects sufficiently set back from each other and screened by intervening structures such that no significant cumulative noise or vibration impacts are likely during the Construction Phase if both developments are under construction at the same time. There are no cumulative operational noise or vibration impacts	**Airborne Noise & Vibration:** Not applicable.	**Airborne Noise & Vibration:** Not Significant.
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity: The project is in a separate sub-catchment to the proposed Project, and therefore there is no possibility of in-combination impacts with regards to watery quality impacts. The project is also a large distance of separation from the proposed project and therefore none of the impacts associated with the project are within the ZoI of the proposed Project	**Biodiversity:** Not applicable.	**Biodiversity:** None.
		Air Quality: No significant cumulative effects predicted to occur with respect to air quality during construction or operation of this development	**Air Quality:** Not applicable.	**Air Quality:** Not Significant.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Climate: Improvements in connected public infrastructure which has the potential to reduce private car emissions through reduced congestion. Overall reducing GHG emissions from transport. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate:** Not applicable.	**Climate:** Potential to reduce GHG emissions through improved transport network.
		Hydrology: No significant cumulative impacts predicted	**Hydrology:** Not applicable.	**Hydrology:** None.
		Hydrogeology: Potential for local reduction in recharge to ground; potential for cumulative impact due to removal of subsoils and/or contaminated soils on both developments.	**Hydrogeology:** Recharge to ground where feasible as part of SuDS; Identification of suitable disposal routes for subsoils and/or licenced sites for contaminated soil	**Hydrogeology:** Imperceptible.
		Soils & Geology: Potential for permanent additional soil loss from development site south of Dublin, west of route. Effect is likely to be low adverse (loss of an area of medium fertility/use soils).	**Soils & Geology:** No mitigation possible for loss of local soils given nature of development, depends on development of a soil reuse strategy	**Soils & Geology:** Slight
		Land Take: None.	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: None. >25km distance between the development and the proposed Project.	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** None.
		Agronomy: No cumulative impact predicted.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: No cumulative impacts predicted due to distance of the development from the proposed Project	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No cumulative impacts predicted due to distance of the development from the proposed Project	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: No cumulative impacts predicted due to distance of the development from the proposed Project	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** None.
n/a	Widening of the N3 between Junction 1 (M50) and Junction 4 (Clonee), plus related junction and necessary changes to the existing national road network	**Traffic & Transport:** No significant impact predicted	**Traffic & Transport:** Not applicable.	**Traffic & Transport:** Not Significant.
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: Given the distance of this development from the proposed Project, no significant cumulative effects anticipated with respect to population and land use will arise during construction or operation of this development	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** Not Significant.
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** Imperceptible.
		Airborne Noise & Vibration: Projects sufficiently set back from each other and screened by intervening structures such that no significant cumulative noise or vibration impacts are likely during the Construction Phase if both developments are under construction at the same time. There are no cumulative operational noise or vibration impacts	**Airborne Noise & Vibration:** Not applicable.	**Airborne Noise & Vibration:** Not Significant.
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Biodiversity Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction and/or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss from extreme habitat degradation.	**Biodiversity**: Mitigation proposed in Chapter 15 (Biodiversity) and Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events.	**Biodiversity:** Not Significant.
		Air Quality: No significant cumulative effects predicted to occur with respect to air quality during construction or operation of this development	**Air Quality:** Not applicable.	**Air Quality:** Not Significant.
		Climate: Improvements in connected public infrastructure which has the potential to reduce private car emissions through reduced congestion. Overall reducing GHG emissions from transport. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate:** Not applicable.	**Climate:** Potential to reduce GHG emissions through improved transport network
		Hydrology: No significant cumulative impacts predicted. However, potential for cumulative impact due to removal of subsoils and/or contaminated soils on this development and the proposed Project. Potential for cumulative impact on site drainage and connection with nearby surface water courses for example Tolka River, due to accidental pollution event during the Construction Phase of this development mainly and hence potential impact on downstream habitats including Dublin Bay.	**Hydrology:** Identification of suitable disposal routes for subsoils and/or licenced sites for contaminated soil Mitigation proposed to protect surface water quality at nearby water features (including Tolka River)/Dublin Bay during construction of the proposed Project will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats	**Hydrology:** Not Significant.
		Hydrogeology: No significant cumulative impacts predicted. However, potential for cumulative impact due to removal of contaminated soils on both developments. Potential for cumulative impact on site drainage and connection with nearby surface water courses for example Tolka River, due to accidental pollution event/discharge to ground during the Construction Phase of this development mainly and hence potential impact on downstream habitats including Dublin Bay. Potential nominal local reduction in recharge to ground.	**Hydrogeology:** Identification of suitable disposal routes for subsoils and/or licenced sites for contaminated soil Mitigation proposed to protect groundwater as well as surface water quality at nearby water features (Tolka River for example)/Dublin Bay during construction and/or operation of the proposed Project will prevent groundwater and/or surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Recharge to ground where feasible as part of SuDS.	**Hydrogeology:** Not Significant.
		Soils & Geology: Potential for permanent additional soil loss from development site south of Dublin, west of route. Effect is likely to be low adverse (loss of an area of medium fertility/use soils).	**Soils & Geology:** No mitigation possible for loss of local soils given nature of development, depends on development of a soil reuse strategy	**Soils & Geology:** Slight
		Land Take: None. The development area is a considerable distance from the proposed Project permanent and temporary land take boundaries.	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: Given the distance of this development from the proposed Project (approximately 6.8km west of the proposed Albert College Intervention Shaft), no cumulative effects are predicted to occur with respect to infrastructure and utilities during construction or operation of this development.	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** None.
		Agronomy: No cumulative impact predicted.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: No cumulative impacts predicted due to distance of the development from the proposed Project	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No cumulative impacts predicted due to distance of the development from the proposed Project	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: No cumulative impacts predicted due to distance of the development from the proposed Project	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** None.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
n/a	Dublin Port Southern Port Access Road (SPAR) Development of a road link connecting from the southern end of the Dublin Port Tunnel to the South Port area, which will serve the South Port and adjoining development areas	**Traffic & Transport:** No significant impact predicted	**Traffic & Transport:** Not applicable.	**Traffic & Transport:** Not Significant.
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: Given the distance of this development from the proposed Project, no significant cumulative effects anticipated with respect to population and land use will arise during construction or operation of this development.	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** Not Significant.
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** Imperceptible.
		Airborne Noise & Vibration: Projects sufficiently set back from each other and screened by intervening structures such that no significant cumulative noise or vibration impacts are likely during the Construction Phase if both developments are under construction at the same time. There are no cumulative operational noise or vibration impacts	**Airborne Noise & Vibration:** Not applicable.	**Airborne Noise & Vibration:** Not Significant.
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity Potential for cumulative impacts on habitats and species as a result of direct habitat loss arising from the construction of the proposed Project. Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction and/or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss from extreme habitat degradation. Should the Construction Phases overlap there is potential for cumulative disturbance on fauna resulting in displacement from the locality	**Biodiversity:** Mitigation proposed in proposed Chapter 15 (Biodiversity) and Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events. Mitigation proposed in Chapter 15 (Biodiversity) to reduce disturbance impacts on fauna species during the Construction Phase of the proposed Project will mitigate potential cumulative impacts on fauna species. Mitigation proposed in Chapter 15 (Biodiversity) to minimise habitat loss and retain vegetation during the Construction Phase of the proposed Project will mitigate potential cumulative impacts on habitats and species. Nonetheless, the effects of habitat loss will remain significant at the local geographic scale for the habitats depositing / lowland rivers (FW2), drainage ditches (FW4), species-rich dry calcareous grassland (GS1), wet grassland (GS4), (mixed) broadleaved woodland (WD1), mixed conifer woodland (WD3), scattered trees and parkland (WD5), hedgerows (WL1), treelines (WL2) and immature woodland (WS2), and for the breeding bird species yellowhammer.	**Biodiversity:** Surface water: Not Significant. Disturbance: Not significant Habitat loss: Significant at the local geographic scale and permanent.
		Air Quality: No significant cumulative effects predicted to occur with respect to air quality during construction or operation of this development.	**Air Quality:** Not applicable.	**Air Quality:** Not Significant.
		Climate: Improvements in connected public infrastructure which has the potential to reduce private car emissions through reduced congestion. Overall reducing GHG emissions from transport. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate:** Not applicable.	**Climate:** Potential to reduce GHG emissions through improved transport network.
		Hydrology: Potential for cumulative impact due to removal of subsoils and/or contaminated soils on this development and the proposed Project. Potential for cumulative impact on site drainage and connection with nearby surface water courses including River Tolka and River Liffey for example due to accidental pollution event during the Construction Phase of this development mainly and hence potential impact on downstream habitats including River Tolka Estuary and Dublin Bay.	**Hydrology:** Identification of suitable disposal routes for subsoils and/or licenced sites for contaminated soil Mitigation proposed to protect surface water quality at nearby water features including River Liffey/River Tolka/Dublin Bay during construction of the proposed Project will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats	**Hydrology:** Not Significant.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Hydrogeology: Potential for cumulative impact due to removal of contaminated soils on both developments. Potential for cumulative impact on site drainage and connection with nearby surface water courses for example River Liffey/River Tolka due to accidental pollution event/discharge to ground during the Construction Phase of this development mainly and hence potential impact on downstream habitats including River Tolka Estuary and Dublin Bay. Potential nominal local reduction in recharge to ground.	**Hydrogeology:** Identification of suitable disposal routes for subsoils and/or licenced sites for contaminated soil Mitigation proposed to protect groundwater as well as surface water quality at nearby water features including River Liffey/River Tolka/Dublin Bay during construction and/or operation of the proposed Project will prevent groundwater and/or surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Recharge to ground where feasible as part of SuDS.	**Hydrogeology:** Not Significant.
		Soils & Geology: Cumulative impacts relating to soils and geology unlikely given distance from proposed Project, setting and nature of development.	**Soils & Geology:** Not applicable.	**Soils & Geology:** None.
		Land Take: None. The development area is outside of the proposed Project permanent and temporary land take boundaries.	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: Given the distance of this development from the proposed Project (approximately 1.6km east of the proposed Tara Station and alignment), no cumulative effects are predicted to occur with respect to infrastructure and utilities during construction or operation of this development.	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** None.
		Agronomy: No cumulative impact predicted.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: No cumulative impacts predicted due to distance of the development from the proposed Project	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No cumulative impacts predicted due to distance of the development from the proposed Project	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: No cumulative impacts predicted due to distance of the development from the proposed Project	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** None.
PL06F.HA0031	R126 Donabate Relief Road: R132 to Portrane Demesne	**Traffic & Transport:** No cumulative impact during the Construction Phase is predicted as the development has been completed. No significant cumulative effects predicted to occur during operation of this development.	**Traffic & Transport:** Not applicable.	**Traffic & Transport:** Not Significant.
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: No cumulative impact during the Construction Phase is predicted as the development has been completed. Given the nature of this development, accessibility would improve during operation of this development.	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** Not Significant.
		Electromagnetic Interference: No cumulative impact during the Construction Phase is predicted as the development has been completed. No significant cumulative effects predicted to occur with respect to electromagnetic radiation during operation of this development.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** Not Significant.
		Airborne Noise & Vibration: No cumulative impact during the Construction Phase is predicted as the development has been completed. No significant cumulative effects predicted to occur during operation of this development.	**Airborne Noise & Vibration:** Not applicable.	**Airborne Noise & Vibration:** Not Significant.
		Groundborne Noise & Vibration: No cumulative impact during the Construction Phase is predicted as the development has been completed. No significant cumulative effects predicted to occur during operation of this development.	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Biodiversity No cumulative impact during the Construction Phase is predicted as the development has been completed. There is potential for cumulative mortality effects on fauna species during the Operational Phases. There is potential for cumulative habitat sevrance/barrier effects on fauna arising from the construction and operation of new infrastructure developments.	**Biodiversity**: Mitigation proposed in Chapter 15 (Biodiversity) and Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 to protect surface water quality during operation of the proposed Project will prevent surface water pollution events. Mitigation proposed in Chapter 15 (Biodiversity) to reduce mortality of fauna species during operation of the proposed Project will mitigate potential cumulative impacts on fauna species. Mitigation proposed in Chapter 15 (Biodiversity) to reduce habitat severance/barrier effects on fauna species during operation of the proposed Project will mitigate potential cumulative impacts on fauna species.	**Biodiversity:** Surface water: Not Significant. Disturbance: Not significant Mortality: Not significant Habitat severance/barrier effects: Not Significant.
		Air Quality: No cumulative impact during the Construction Phase is predicted as the development has been completed. No significant cumulative effects predicted to occur during operation of this development.	**Air Quality:** Not applicable.	**Air Quality:** Not Significant.
		Climate: Improvements in connected public infrastructure which has the potential to reduce private car emissions through reduced congestion. Overall reducing GHG emissions from transport. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate:** Not applicable.	**Climate:** Potential to reduce GHG emissions through improved transport network.
		Hydrology: No cumulative impact during the Construction Phase is predicted as the development has been completed. Potential for cumulative impact on site drainage and connection with nearby surface water courses for example Turvey River/Staffordstown River, due to accidental pollution event during the Operation Phase of this development mainly and hence potential impact on downstream habitats including Malahide Estuary.	**Hydrology:** Mitigation proposed to protect surface water quality at nearby water features (including Turvey River/Staffordstown River)/Malahide Estuary during operation of the proposed Project will prevent surface water pollution events.	**Hydrology:** Not Significant.
		Hydrogeology: No cumulative impact during the Construction Phase is predicted as the development has been completed. Potential for cumulative impact on site drainage and connection with nearby surface water courses for example Turvey River/Staffordstown River, due to accidental pollution event during the Operation Phase of this development mainly and hence potential impact on downstream habitats including Malahide Estuary. Potential nominal local reduction in recharge to ground.	**Hydrogeology:** Mitigation proposed to protect groundwater as well as surface water quality at nearby water features (Turvey River/Staffordstown River for example)/Malahide Estuary during operation of the proposed Project will prevent groundwater and/or surface water pollution events. Recharge to ground where feasible as part of SuDS.	**Hydrogeology:** Not Significant.
		Soils & Geology: No cumulative impact during the Construction Phase is predicted as the development has been completed.	**Soils & Geology:** No mitigation possible for loss of local soils given nature of development, depends on development of a soil reuse strategy.	**Soils & Geology:** Slight
		Land Take: No cumulative impact during the Construction Phase is predicted as the development has been completed.	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: No cumulative impact during the Construction Phase is predicted as the development has been completed. No significant cumulative effects predicted to occur during operation of this development.	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** None.
		Agronomy: No cumulative impacts are predicted as the development has been completed.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: No cumulative impacts are predicted as the development has been completed.	**Material & Waste Management:** Not applicable.	**Material & Waste Management:** None.
		Archaeology & Cultural Heritage: No cumulative impacts are predicted as the development has been completed.	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No cumulative impacts are predicted as the development has been completed.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: No cumulative impacts are predicted as the development has been completed.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** None.
n/a	Oldtown-Mooretown Western Distributor Link Road	**Traffic & Transport:** No significant impact predicted	**Traffic & Transport:** Not applicable.	**Traffic & Transport:** Not Significant.
		Human Health:	**Human Health:** Not applicable.	**Human Health:** Not Significant.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.		
		Population & Land-Use: No significant cumulative impact anticipated during construction. Given the nature of this development, accessibility would improve during operation of this development	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** Not Significant.
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** Imperceptible.
		Airborne Noise & Vibration: Projects sufficiently set back from each other and screened by intervening structures such that no significant cumulative noise or vibration impacts will occur during the Construction Phase if both developments are under construction at the same time. There are no cumulative operational noise or vibration impacts	**Airborne Noise & Vibration:** Not applicable.	**Airborne Noise & Vibration:** Not Significant.
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity Potential for cumulative impacts on habitats and species as a result of direct habitat loss arising from the construction of the proposed Project. Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction and/or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss from extreme habitat degradation. Should the Construction Phases overlap there is potential for cumulative disturbance on fauna resulting in displacement from the locality. Increased disturbance effects arising from the operational stages may act cumulatively to permanently displace fauna from the locality. There is potential for cumulative mortality effects on fauna species during the Operational Phases. There is potential for cumulative habitat severance/barrier effects on fauna arising from the construction and operation of new infrastructure developments.	**Biodiversity**: Mitigation proposed in Chapter 15 (Biodiversity) to minimise habitat loss and retain vegetation during the Construction Phase of the proposed Project will mitigate potential cumulative impacts on habitats and species. Nonetheless, the effects of habitat loss will remain significant at the local geographic scale for the habitats depositing / lowland rivers (FW2), drainage ditches (FW4), species-rich dry calcareous grassland (GS1), wet grassland (GS4), (mixed) broadleaved woodland (WD1), mixed conifer woodland (WD3), scattered trees and parkland (WD5), hedgerows (WL1), treelines (WL2) and immature woodland (WS2), and for the breeding bird species yellowhammer. Mitigation proposed in Chapter 15 (Biodiversity) and Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events. Mitigation proposed in Chapter 15 (Biodiversity) to reduce disturbance impacts on fauna species during the Construction Phase of the proposed Project will mitigate potential cumulative impacts on fauna species. Mitigation proposed in Chapter 15 (Biodiversity) to reduce mortality of fauna species during construction and operation of the proposed Project will mitigate potential cumulative impacts on fauna species. Mitigation proposed in Chapter 15 (Biodiversity) to reduce habitat severance/barrier effects on fauna species during construction and operation of the proposed Project will mitigate potential cumulative impacts on fauna species.	**Biodiversity:** Habitat loss: Significant at the local geographic scale and permanent Surface water: Not Significant. Disturbance: Not significant Mortality: Not significant Habitat severance/barrier effects: Not Significant.
		Air Quality: No significant cumulative effects predicted to occur with respect to air quality during construction or operation of this development.	**Air Quality:** Not applicable.	**Air Quality:** Not Significant.
		Climate: Improvements in connected public infrastructure which has the potential to reduce private car emissions through reduced congestion. Overall reducing GHG emissions from transport. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate:** Not applicable.	**Climate:** Potential to reduce GHG emissions through improved transport network.
		Hydrology: Potential for cumulative impact due to removal of subsoils and/or contaminated soils on this development and the proposed Project. Potential for cumulative impact on site drainage and connection with nearby surface water courses for example Ward River/Broadmeadow River/other tributaries, due to accidental pollution event during the Construction Phase of this development mainly and hence potential impact on downstream habitats including Malahide Estuary.	**Hydrology:** Identification of suitable disposal routes for subsoils and/or licenced sites for contaminated soil Mitigation proposed to protect surface water quality at nearby water features (including Ward River/Broadmeadow River/other tributaries)/Malahide Estuary during construction of the proposed Project will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix	**Hydrology:** Not Significant.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
			A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats	
		Hydrogeology: No significant cumulative impacts predicted. However, potential for cumulative impact due to removal of contaminated soils on both developments. Potential for cumulative impact on site drainage and connection with nearby surface water courses for example Ward River/Broadmeadow River/other tributaries, due to accidental pollution event/discharge to ground during the Construction Phase of this development mainly and hence potential impact on downstream habitats including Malahide Estuary. Potential nominal local reduction in recharge to ground.	**Hydrogeology:** Identification of suitable disposal routes for subsoils and/or licenced sites for contaminated soil Mitigation proposed to protect groundwater as well as surface water quality at nearby water features (Ward River/Broadmeadow River/other tributaries for example)/Malahide Estuary during construction and/or operation of the proposed Project will prevent groundwater and/or surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) of the EIAR and in the outline CEMP in Appendix A5.1 with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Recharge to ground where feasible as part of SuDS.	**Hydrogeology:** Not Significant.
		Soils & Geology: Potential for permanent additional soil loss from development site south of Dublin, west of route. Effect is likely to be low adverse (loss of an area of medium fertility/use soils).	**Soils & Geology:** No mitigation possible for loss of local soils given nature of development, depends on development of a soil reuse strategy.	**Soils & Geology:** Slight
		Land Take: None. The development area is outside of the proposed Project permanent and temporary land take boundaries and is not continuous with any land take parcels.	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: Given the distance of this development from the proposed Project (approximately 1.6km west of the proposed Fosterstown Station and alignment), no cumulative effects are predicted to occur with respect to infrastructure and utilities during construction or operation of this development	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** None.
		Agronomy: No cumulative impact predicted.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: No cumulative impacts predicted.	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No cumulative impacts predicted.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: No cumulative impacts predicted.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** None.
n/a	Swords Relief Road at Lord Mayors	**Traffic & Transport:** No significant impact predicted as it is included in the transport modelling.	**Traffic & Transport:** Not applicable	**Traffic & Transport:** Not Significant.
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: No significant cumulative impact anticipated during construction. Given the nature of this development, accessibility would improve during operation of this development.	**Population & Land-Use:** Not applicable	**Population & Land-Use:** Not Significant
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development.	**Electromagnetic Interference:** Not applicable	**Electromagnetic Interference:** Imperceptible
		Airborne Noise & Vibration: Projects sufficiently set back from each other and screened by intervening structures such that no significant cumulative noise or vibration impacts are likely during the construction phase if both developments are under construction at the same time. There are no cumulative operational noise or vibration impacts	**Airborne Noise & Vibration:** Not applicable	**Airborne Noise & Vibration:** Not Significant
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable	**Groundborne Noise & Vibration:** None
		Biodiversity: Potential for cumulative impacts on habitats and species as a result of direct habitat loss arising from the construction of the proposed Project.	**Biodiversity**: Mitigation proposed in Chapter 15 (Biodiversity) to minimise habitat loss and retain vegetation during the Construction Phase of the proposed Project will mitigate potential cumulative impacts on habitats and species. Nonetheless, the	**Biodiversity:**

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction and/or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss from extreme habitat degradation. Should the construction periods overlap there is potential for cumulative disturbance on fauna resulting in displacement from the locality. Increased disturbance effects arising from the operational stages may act cumulatively to permanently displace fauna from the locality. There is potential for cumulative mortality effects on fauna species during the operational phases. There is potential for cumulative habitat severance/barrier effects on fauna arising from the construction and operation of new infrastructure developments	effects of habitat loss will remain significant at the local geographic scale for the habitats depositing / lowland rivers (FW2), drainage ditches (FW4), species-rich dry calcareous grassland (GS1), wet grassland (GS4), (mixed) broadleaved woodland (WD1), mixed conifer woodland (WD3), scattered trees and parkland (WD5), hedgerows (WL1), treelines (WL2) and immature woodland (WS2), and for the breeding bird species yellowhammer. Mitigation proposed in Chapter 15 (Biodiversity) and Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events. Mitigation proposed in Chapter 15 (Biodiversity) to reduce disturbance impacts on fauna species during the Construction Phase of the proposed Project will mitigate potential cumulative impacts on fauna species. Mitigation proposed in Chapter 15 (Biodiversity) to reduce mortality of fauna species during construction and operation of the proposed Project will mitigate potential cumulative impacts on fauna species. Mitigation proposed in Chapter 15 (Biodiversity) to reduce habitat severance/barrier effects on fauna during construction and operation of the proposed Project will mitigate potential cumulative impacts on fauna species.	Habitat loss: Significant at the local geographic scale and permanent Surface water: Not Significant. Disturbance: Not significant Mortality: Not significant Habitat severance/barrier effects: Not Significant.
		Air Quality: No significant cumulative effects predicted to occur with respect to air quality during construction or operation of this development.	**Air Quality:** Not applicable	**Air Quality:** Not Significant
		Climate: Improvements in connected public infrastructure which has the potential to reduce private car emissions through reduced congestion. Overall reducing GHG emissions from transport. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate:** Not applicable	**Climate:** Potential to reduce GHG emissions through improved transport network.
		Hydrology: Potential for cumulative impact due to removal of subsoils and/or contaminated soils on this development and the proposed Project. Potential for cumulative impact on site drainage and connection with nearby surface water courses for example Ward River/ Swords Glebe, due to accidental pollution event during the construction phase of this development mainly and hence potential impact on downstream habitats including Malahide Estuary.	**Hydrology:** Identification of suitable disposal routes for subsoils and/ or licenced sites for contaminated soil Mitigation proposed to protect surface water quality at nearby water features (including Ward River/ Swords Glebe) / Malahide Estuary during construction of the proposed Project will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) and in the outline CEMP (Appendix A5.1) of the EIAR with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats	**Hydrology:** Not Significant
		Hydrogeology: No significant cumulative impacts predicted. However, potential for cumulative impact due to removal of contaminated soils on both developments. Potential for cumulative impact on site drainage and connection with nearby surface water courses for example Ward River/ Swords Glebe, due to accidental pollution event/ discharge to ground during the construction phase of this development mainly and hence potential impact on downstream habitats including Malahide Estuary. Potential nominal local reduction in recharge to ground.	**Hydrogeology:** Identification of suitable disposal routes for subsoils and/ or licenced sites for contaminated soil Mitigation proposed to protect groundwater as well as surface water quality at nearby water features (Ward River/ Swords Glebe for example)/ Malahide Estuary during construction and/or operation of the proposed Project will prevent groundwater and/ or surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) and in the outline CEMP (Appendix A5.1) of the EIAR with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Recharge to ground where feasible as part of SuDS.	**Hydrogeology:** Not Significant
		Soils & Geology:. Potential for cumulative settlement effect if developments coincide in terms of programme.	**Soils & Geology:** Proposed mitigation could include negotiation to ensure works are not undertaken concurrently or potentially ground treatment to reduce likelihood of settlement.	**Soils & Geology:** Slight / Imperceptible
		Land Take: None. The development area is outside of the proposed Project permanent and temporary land take boundaries and is not continuous with any land take parcels.	**Land Take:** Not applicable	**Land Take:** None

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Infrastructure & Utilities: Should the construction periods overlap there is potential for cumulative disturbance if utility diversions are required as part of the relief road development.	**Infrastructure & Utilities:** The Project Team has regular engagement with FCC to discuss the ongoing development of the proposed Project. All utility diversions and new connections will be agreed with the relevant service providers. Designs for utility diversions have already been agreed in principle with the relevant utility providers and design refinement will be subject to further consultation. The duration of any service outage will be finalised with the relevant utility providers.	**Infrastructure & Utilities:** Not significant
		Agronomy: No cumulative impact predicted.	**Agronomy:** Not applicable	**Agronomy:** None
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: Impacts to potential archaeological deposits. Cumulative impact on archaeological heritage of Dublin but not considered significant	**Archaeology & Cultural Heritage:** Impacts to potential archaeological deposits. Cumulative impact on archaeological heritage of Dublin but not considered significant	**Archaeology & Cultural Heritage:** Not Significant.
		Architectural Heritage: No cumulative impact predicted.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: No cumulative impact predicted.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** None.
308353	Orchid Residential Limited Strategic Housing Development Demolition of an existing building and hard surface parking area and the construction of 239 no. student bedspaces with amenity spaces, bicycle and car parking spaces and all associated site works at Goatstown Road, Dublin 14.	**Traffic & Transport:** Not Significant	**Traffic & Transport:** Not applicable	**Traffic & Transport:** Not Significant
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: The construction of both projects will increase construction employment opportunities and may boost the positive direct and indirect economic effects associated with these projects. Given the relative distance of this development from the proposed Project, no further significant cumulative impacts will occur with respect to population during construction of this development.	**Population & Land-Use:** Not applicable	**Population & Land-Use:** Not Significant
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development.	**Electromagnetic Interference:** Not applicable	**Electromagnetic Interference:** Imperceptible
		Airborne Noise & Vibration: Development set back from closest surface works associated with the proposed Project by considerable distance with no potential for cumulative noise or vibration impacts. No operational cumulative impacts predicted due to distance and underground rail line	**Airborne Noise & Vibration:** Not applicable	**Airborne Noise & Vibration:** None
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable	**Groundborne Noise & Vibration:** None
		Biodiversity Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss arising from extreme habitat degradation.	**Biodiversity**: Mitigation proposed in this EIAR and in Appendix A5.1 (outline CEMP) to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events.	**Biodiversity:** Not Significant
		Air Quality: Due to the distance from dust generating sites (>500m) associated with proposed Project there is no likely significant cumulative dust impact. Due to the proposed developments location there is not a likely significant cumulative impact during the Construction or Operational Phase due to traffic emissions.	**Air Quality:** Not applicable	**Air Quality:** No likely significant Construction or Operational Phase cumulative impacts.
		Climate: No significant cumulative impacts will occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase	**Climate:** Not applicable	**Climate:** No significant cumulative impacts will occur with respect to climate during construction of this development.
		Hydrology: Potential for cumulative impact due to removal of contaminated soils from this [former motor vehicles site] development and the proposed Project. Potential for cumulative impact on nearby drainage channels and connection with the [culverted] Slang River and Dodder River farther to the north for example, due to	**Hydrology:** Identification of suitable disposal licenced sites for contaminated soil. Mitigation proposed to protect surface water quality at off-site identified watercourses including the Slang River and Dodder River during construction and operation of the proposed Project, will prevent surface water pollution events.	**Hydrology:** Not Significant/ Imperceptible

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		accidental pollution event during the construction and/or operation of this development and hence potential impact on downstream habitats including Dublin Bay.	Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) and Appendix A5.1 (outline CEMP) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats.	
		Hydrogeology: Potential for cumulative impact due to accidental pollution/ discharge to ground event during the construction and/or operation of this development on nearby watercourses including the [culverted] Slang River and Dodder River farther to the north and where groundwater discharges to nearby surface water features, and hence potential impact on downstream habitats, for example Dublin Bay. Potential for cumulative impact due to removal of subsoils and/or contaminated soils from this development and the proposed Project.	**Hydrogeology:** Mitigation proposed to protect local groundwater within development boundaries as well as surface water quality at nearby watercourses/ tributaries to same, during construction and operation of the proposed Project, will prevent groundwater and surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) and Appendix A5.1 (outline CEMP) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Identification of suitable disposal licenced sites for contaminated soil for example.	**Hydrogeology:** Not Significant/ Imperceptible
		Soils & Geology: Cumulative impacts relating to soils and geology unlikely given distance from proposed Project, setting and nature of development	**Soils & Geology:** Not applicable	**Soils & Geology:** Negligible
		Land Take: None. The development is outside of the proposed Project land take boundaries.	**Land Take:** Not applicable	**Land Take:** None
		Infrastructure & Utilities: None. Sufficient separation (>4km) to avoid cumulative impacts, even if construction periods overlap.	**Infrastructure & Utilities:** Not applicable	**Infrastructure & Utilities:** None
		Agronomy: No cumulative impact predicted.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: No cumulative impacts predicted due to distance of the development from the proposed Project	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No cumulative impacts predicted due to distance of the development from the proposed Project	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: No cumulative impacts predicted due to distance of the development from the proposed Project	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** None.
308366	MKN Developments Limited Strategic Housing Development 278 no. apartments, childcare facility and associated site works at Forest Road, Swords, Co. Dublin	**Traffic & Transport:** Not Significant	**Traffic & Transport:** Not applicable	**Traffic & Transport:** Not Significant
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: Construction activity and construction traffic as a result of this development and the construction of Fosterstown Station/proposed Project alignment may impact adversely on local road network, impacting accessibility for local residents and road users. Environmental impacts from construction activities including noise, air quality etc. of this development and Fosterstown Station/ proposed Project alignment may lead to a cumulative adverse impact on residential amenity. The construction of both projects will increase construction employment opportunities and may boost the positive direct and indirect economic effects associated with these projects in the local area.	**Population & Land-Use:** Traffic and transport mitigation measures during construction to reduce impact on population. Mitigation of environmental impacts as detailed in Chapter 31 (Summaries of the Route Wide Mitigation and Monitoring Proposed) will minimise impacts on the population, and in particular, traffic and transport mitigation measures outlined will reduce impact on population during construction.	**Population & Land-Use:** Not Significant.
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development.	**Electromagnetic Interference:** Not applicable	**Electromagnetic Interference:** Imperceptible
		Airborne Noise & Vibration: Depending on project timelines, potential for cumulative construction noise and vibration impacts if both projects are under construction concurrently. No operational cumulative impacts predicted due to negligible to minor noise sources from proposed SHD development once operational	**Airborne Noise & Vibration:** Coordination of construction projects, limit values and best practice noise and vibration mitigation measures, as outlined in Chapter 13 (Airborne Noise and Vibration), if under construction at the same time. Traffic management plans	**Airborne Noise & Vibration:** Potential Not Significant to Moderate depending on Construction Phase overlaps
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable	**Groundborne Noise & Vibration:** None
		Biodiversity Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction or operation of these	**Biodiversity:** Mitigation proposed in proposed Chapter 15 (Biodiversity) and Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 to	**Biodiversity:** Surface water: Not Significant.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		developments. Accidental pollution events could result in habitat degradation, and habitat loss arising from extreme habitat degradation. Should the construction periods overlap there is potential for cumulative disturbance on fauna resulting in displacement from the locality Potential for cumulative effects on habitats and species as a result of direct habitat loss arising from the construction of the proposed Project.	protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events. Mitigation proposed in Chapter 15 (Biodiversity) to reduce disturbance impacts on fauna species during the Construction Phase of the proposed Project will mitigate potential cumulative impacts on fauna species. Mitigation proposed in Chapter 15 (Biodiversity) to minimise habitat loss and retain vegetation during the Construction Phase of the proposed Project will mitigate potential cumulative impacts on habitats and species. Nonetheless, the effects of habitat loss will remain significant at the local geographic scale for the habitats depositing / lowland rivers (FW2), drainage ditches (FW4), species-rich dry calcareous grassland (GS1), wet grassland (GS4), (mixed) broadleaved woodland (WD1), mixed conifer woodland (WD3), scattered trees and parkland (WD5), hedgerows (WL1), treelines (WL2) and immature woodland (WS2), and for the breeding bird species yellowhammer.	Disturbance: Not significant Habitat loss: Significant at the local geographic scale and permanent.
		Air Quality: Potential for cumulative dust impacts during the Construction Phase if both developments are under construction at the same time. Potential increase in traffic emissions in the local area during the Construction Phase if both projects were under construction at the same time. However impacts are unlikely to be significant.	**Air Quality:** Dust mitigation measures outlined in the CEMP in Volume 5 of the EIAR and Chapter 16 Air Quality in Volume 3, Book 2 of this EIAR will mitigate potential cumulative dust impacts. Dust deposition monitoring on the proposed Project will confirm concentrations within guideline values.	**Air Quality:** Not Significant
		Climate: No significant cumulative impacts will occur with respect to climate during construction of this development.	**Climate:** Not applicable	**Climate:** Not Significant
		Hydrology: No significant cumulative impacts predicted. However, potential for cumulative impact on nearby drainage channels and connection with the Swords Glebe watercourse and Ward River Liffey to the north for example, due to accidental pollution event during the construction and/or operation of this development and hence potential impact on downstream habitats including Malahide Estuary. Potential for cumulative impact due to removal of any contaminated soils on both developments	**Hydrology:** Mitigation proposed to protect surface water quality at identified receiving watercourses including the Swords Glebe and Ward River during construction and operation of the proposed Project, will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) and Appendix A5.1 (outline CEMP) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Identification of suitable disposal licenced sites for potentially contaminated soil.	**Hydrology:** Not Significant
		Hydrogeology: No significant cumulative impacts. However, potential for cumulative impact due to accidental pollution/ discharge to ground event during the construction and/or operation of this development on nearby Swords Glebe watercourse/ Ward River and where groundwater discharges to nearby surface water features and hence potential impact on downstream habitats (Malahide Estuary in this case). Short-term dewatering effects possible for basement extension construction. Potential for local reduction in recharge to ground. Potential for cumulative impact due to removal of any contaminated soils on both developments.	**Hydrogeology:** Mitigation proposed to protect local groundwater within development boundaries as well as surface water quality at nearby watercourses to same, during construction and operation of the proposed Project, will prevent groundwater and surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) and Appendix A5.1 (outline CEMP) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Recharge to ground where feasible as part of SuDS. Identification of suitable disposal licenced sites for potentially contaminated soil.	**Hydrogeology:** Not Significant
		Soils & Geology: New development may lead to minor additional soil loss, however effect is not considered to be significant.	**Soils & Geology:** Not applicable	**Soils & Geology:** Negligible
		Land Take: None. The development is outside of the proposed Project land take boundaries.	**Land Take:** Not applicable	**Land Take:** None
		Infrastructure & Utilities: Given the relatively close distance of the development subject to this planning application from the proposed alignment (approximately 300m) and the scale of the development (278 no. apartments and associated site works) there is potential for cumulative impacts should the construction periods overlap.	**Infrastructure & Utilities:** All utility diversions and new connections will be agreed with the relevant service providers. Designs for utility diversions have already been agreed in principle with the relevant utility providers and design refinement will be subject to further consultation. The duration of any service outage will be finalised with the relevant utility providers.	**Infrastructure & Utilities:** Not Significant
		Agronomy: Potential for a cumulative impact. Construction of both the proposed Project and this development will facilitate the development of the surrounding area both residentially and economically, resulting in a reduction of the agricultural area.	**Agronomy:** Land is zoned for development, development in area is enviable. This agricultural land in the study area is very small in comparison to rest of country, the land zoned will inevitably be removed from agriculture and used for economic or residential purposes.	**Agronomy:** Not Significant
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: Impacts to known and potential unknown archaeological deposits. Cumulative impact on archaeological heritage of Dublin but not considered significant.	**Archaeology & Cultural Heritage:** Proposed mitigation within this EIAR is sufficient to manage the cumulative impact	**Archaeology & Cultural Heritage:** Not significant

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		Architectural Heritage: No cumulative impact predicted.	**Architectural Heritage:** Not applicable	**Architectural Heritage:** None
		Landscape & Visual: 278 no. apartments at Fosterstown. This development is sited in the north-west corner of fields to the west of the R132 (adjacent to Forest Road). It includes an interim pedestrian/cycle route to the R132, terminating just west of the Pinnock Hill Roundabout. The main residential development is sited well away from the proposed Project. There may be very minor cumulative impacts however these are Not Significant.	**Landscape & Visual:** Not applicable	**Landscape & Visual:** Not Significant
308827	Glenveagh Living Limited Strategic Housing Development Demolition of all the structures on the site, 702 no. Build to Rent residential units, creche and associated site works at Castleforbes Business Park, Sheriff Street Upper and East Road, Dublin 1	**Traffic & Transport:** Not Significant	**Traffic & Transport:** Not applicable	**Traffic & Transport:** Not Significant
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: With no significant cumulative environmental or traffic / transport related effects identified that could give rise to disturbance/nuisance to local population, no significant adverse cumulative effects anticipated with respect to population and land use will arise during construction or operation of this development. The construction of both projects will increase construction employment opportunities and may boost the positive direct and indirect economic effects associated with these projects in the local area.	**Population & Land-Use:** Not applicable	**Population & Land-Use:** Not Significant
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development.	**Electromagnetic Interference:** Not applicable	**Electromagnetic Interference:** Imperceptible
		Airborne Noise & Vibration: Development set back from closest surface works associated with the proposed Project by considerable distance with no potential for cumulative noise or vibration impacts. No operational cumulative impacts predicted due to distance and underground rail line	**Airborne Noise & Vibration:** Not applicable	**Airborne Noise & Vibration:** None
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable	**Groundborne Noise & Vibration:** None
		Biodiversity Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss arising from extreme habitat degradation.	**Biodiversity**: Mitigation proposed in this EIAR and in Appendix A5.1 (outline CEMP) to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events.	**Biodiversity:** Not Significant
		Air Quality: Due to the distance from dust generating sites (>500m) associated with the proposed Project there is no likely significant cumulative dust impact. There are no significant likely cumulative Construction or Operational Phase traffic emissions.	**Air Quality:** Not applicable	**Air Quality:** No likely significant Construction or Operational Phase cumulative impacts.
		Climate: No significant cumulative impacts will occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase	**Climate:** Not applicable	**Climate:** No significant cumulative impacts will occur with respect to climate during construction of this development.
		Hydrology: No significant cumulative impacts. However, potential for cumulative impact on nearby drainage channels and connection with the River Liffey to the south for example, due to accidental pollution event during the construction and/or operation of this development and hence potential impact on downstream habitats including Dublin Bay. Drainage in the wider area to distant Royal Canal to west not known. Potential for cumulative impact due to removal of any contaminated soils on both developments.	**Hydrology:** Mitigation proposed to protect surface water quality at identified receiving watercourses including the River Liffey during construction and operation of the proposed Project, will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined Chapter 18 (Hydrology) and Appendix A5.1 (outline CEMP) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Identification of suitable disposal licenced sites for potentially contaminated soil.	**Hydrology:** Not Significant
		Hydrogeology: No significant cumulative impacts predicted. However, potential for cumulative impact due to accidental pollution/ discharge to ground event during the construction and/or operation of this development on nearby River Liffey and where groundwater discharges to nearby surface water features and hence potential impact on downstream habitats (e.g. Dublin Bay). Short-term dewatering effects possible for basement construction.	**Hydrogeology:** Mitigation proposed to protect local groundwater within development boundaries as well as surface water quality at nearby watercourses to same, during construction and operation of the proposed Project, will prevent groundwater and surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) and Appendix A5.1 (outline CEMP) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats.	**Hydrogeology:** Not Significant

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Potential for additional local reduction in recharge to ground. Potential for cumulative impact due to removal of any contaminated soils on both developments.	Recharge to ground where feasible as part of SuDS. Identification of suitable disposal licenced sites for potentially contaminated soil.	
		Soils & Geology: Cumulative impacts relating to soils and geology unlikely given distance from proposed Project, setting and nature of development	**Soils & Geology:** Not applicable	**Soils & Geology:** Negligible
		Land Take: None. The development is outside of the proposed Project land take boundaries.	**Land Take:** Not applicable	**Land Take:** None
		Infrastructure & Utilities: Although the development subject to this planning application is approximately 1.3km distance from the proposed Tara Station, given the scale of the development (702 no. apartments and associated site works) there is potential for cumulative impacts should the construction periods overlap.	**Infrastructure & Utilities:** All utility diversions and new connections will be agreed with the relevant service providers. Designs for utility diversions have already been agreed in principle with the relevant utility providers and design refinement will be subject to further consultation. The duration of any service outage will be finalised with the relevant utility providers.	**Infrastructure & Utilities:** Not Significant
		Agronomy: No cumulative impact predicted.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: No cumulative impacts predicted due to distance of the development from the proposed Project	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No cumulative impacts predicted due to distance of the development from the proposed Project	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: No cumulative impacts predicted due to distance of the development from the proposed Project	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** None.
308871	Cherry Core Limited and Jasmine Perfection Limited Strategic Housing Development Demolition of existing buildings on site, construction of 189 no. Build to Rent apartments and associated site works at 32A, 32B, 33, 34 and 35 James Street and a site off Basin View, Dublin 8	**Traffic & Transport:** Not Significant	**Traffic & Transport:** Not applicable	**Traffic & Transport:** Not Significant
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: Given the distance of this development from the proposed Project, no further significant cumulative impacts will occur with respect to population during construction of this development.	**Population & Land-Use:** Not applicable	**Population & Land-Use:** Not Significant
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development.	**Electromagnetic Interference:** Not applicable	**Electromagnetic Interference:** Imperceptible
		Airborne Noise & Vibration: Development set back from closest surface works associated with the proposed Project by considerable distance with no potential for cumulative noise or vibration impacts. No operational cumulative impacts predicted due to distance and underground rail line	**Airborne Noise & Vibration:** Not applicable	**Airborne Noise & Vibration:** None
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable	**Groundborne Noise & Vibration:** None
		Biodiversity Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss arising from extreme habitat degradation.	**Biodiversity**: Mitigation proposed in this EIAR and in Appendix A5.1 (outline CEMP) to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events.	**Biodiversity:** Not Significant
		Air Quality: Due to the distance from dust generating sites (>500m) associated with the proposed Project there is no likely significant cumulative dust impact. There are no significant likely cumulative Construction or Operational Phase traffic emissions.	**Air Quality:** Not applicable	**Air Quality:** No likely significant Construction or Operational Phase cumulative impacts.
		Climate: No significant cumulative impacts will occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase	**Climate:** Not applicable	**Climate:** No significant cumulative impacts will occur with respect to climate during construction of this development.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Hydrology: Potential for cumulative impact due to removal of contaminated soils from this [former steelworks site] development and the proposed Project. Potential for cumulative impact on nearby drainage channels and connection with the [culverted] Poddle River and [open] Camac River which feed into the River Liffey to the north for example, due to accidental pollution event during the construction and/or operation of this development and hence potential impact on downstream habitats including Dublin Bay.	**Hydrology:** Identification of suitable disposal licenced sites for contaminated soil. Mitigation proposed to protect surface water quality at off-site identified watercourses including the Poddle River and Camac River (which feed into the River Liffey) during construction and operation of the proposed Project, will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) and Appendix A5.1 (outline CEMP) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats.	**Hydrology:** Not Significant/ Imperceptible
		Hydrogeology: Potential for cumulative impact due to accidental pollution/ discharge to ground event during the construction and/or operation of this development on nearby watercourses including the [culverted] Poddle River and [open] Camac River which feed into the River Liffey to the north and where groundwater discharges to nearby surface water features, and hence potential impact on downstream habitats, i.e. Dublin Bay. Potential for cumulative impact due to removal of subsoils and/or contaminated soils from this development and the proposed Project. Short-term dewatering effects possible for construction of various basements. Some potential for local reduction in recharge to ground.	**Hydrogeology:** Mitigation proposed to protect local groundwater within development boundaries as well as surface water quality at nearby watercourses/ tributaries to same, during construction and operation of the proposed Project, will prevent groundwater and surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) and Appendix A5.1 (outline CEMP) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Identification of suitable disposal licenced sites for contaminated soil for example. Recharge to ground where feasible as part of SuDS.	**Hydrogeology:** Not Significant/ Imperceptible
		Soils & Geology: Cumulative impacts relating to soils and geology unlikely given distance from proposed Project, setting and nature of development	**Soils & Geology:** Not applicable	**Soils & Geology:** Negligible
		Land Take: None. The development is outside of the proposed Project land take boundaries.	**Land Take:** Not applicable	**Land Take:** None
		Infrastructure & Utilities: None. Sufficient separation (>2.3km) given the scale of the development to avoid cumulative impacts, even if construction periods overlap.	**Infrastructure & Utilities:** Not applicable	**Infrastructure & Utilities:** None
		Agronomy: No cumulative impact predicted.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: No cumulative impacts predicted due to distance of the development from the proposed Project	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No cumulative impacts predicted due to distance of the development from the proposed Project	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: No cumulative impacts predicted due to distance of the development from the proposed Project	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** None.
308875	Phibsborough Shopping Centre Limited Strategic Housing Development 321 no. Build to Rent shared accommodation bed spaces and associated site works at Phibsborough Shopping Centre and 345-349 North Circular Road, Dublin 7	**Traffic & Transport:** Not Significant	**Traffic & Transport:** Not applicable	**Traffic & Transport:** Not Significant
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: Construction activity and construction traffic as a result of this development and the construction of Glasnevin Station may impact adversely on accessibility for local residents, businesses/community facilities and road users, should both developments be constructed concurrently. The construction of both projects will increase construction employment opportunities and may boost the positive direct and indirect economic effects associated with these projects in the local area.	**Population & Land-Use:** Traffic and transport mitigation measures outlined in Chapter 9 (Traffic and Transport) will be implemented during construction to reduce impacts on population.	**Population & Land-Use:** Not Significant
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development.	**Electromagnetic Interference:** Not applicable	**Electromagnetic Interference:** Imperceptible
		Airborne Noise & Vibration: Development set back from closest surface works associated with the proposed Project and screened by intervening buildings. Minor potential for cumulative noise or vibration impacts depending on construction traffic routes.	**Airborne Noise & Vibration:** Traffic management plans	**Airborne Noise & Vibration:** Not Significant

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		No operational cumulative impacts predicted due to distance and underground rail line		
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable	**Groundborne Noise & Vibration:** None
		Biodiversity Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss arising from extreme habitat degradation. Should the construction periods overlap there is potential for cumulative disturbance on fauna resulting in displacement from the locality	**Biodiversity**: Mitigation proposed in this EIAR and in Appendix A5.1 (outline CEMP) to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events. Mitigation proposed in this EIAR to reduce disturbance impacts on fauna species during the construction phase of the proposed Project will mitigate potential cumulative impacts on fauna species.	**Biodiversity:** Not Significant
		Air Quality: Potential for cumulative dust impacts during the Construction Phase if both developments are under construction at the same time. Potential increase in traffic emissions in the local area during the Construction Phase if both projects were under construction at the same time. However impacts are unlikely to be significant.	**Air Quality:** Dust mitigation measures outlined in the CEMP in Volume 5 of the EIAR and Chapter 16 Air Quality in Volume 3, Book 2 of this EIAR will mitigate potential cumulative dust impacts. Dust deposition monitoring on the proposed Project will confirm concentrations within guideline values. Traffic and transport mitigation measures during construction to reduce impact on air quality.	**Air Quality:** Not Significant
		Climate: No significant cumulative impacts will occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase	**Climate:** Not applicable	**Climate:** Not Significant
		Hydrology: No significant cumulative impacts predicted. However, potential for cumulative impact on nearby drainage channels and connection with the River Liffey to the south for example, due to accidental pollution event during the construction and/or operation of this development and hence potential impact on downstream habitats including Dublin Bay. Drainage in the wider area to distant Royal Canal not known. Potential for cumulative impact due to removal of any contaminated soils on both developments	**Hydrology:** Mitigation proposed to protect surface water quality at identified receiving watercourses including the River Liffey during construction and operation of the proposed Project, will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) and Appendix A5.1 (outline CEMP) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Identification of suitable disposal licenced sites for potentially contaminated soil.	**Hydrology:** Not Significant/ Imperceptible
		Hydrogeology: No significant cumulative impacts. However, potential for cumulative impact due to accidental pollution/ discharge to ground event during the construction and/or operation of this development on nearby watercourses including the River Liffey and where groundwater discharges to nearby surface water features and hence potential impact on downstream habitats (Dublin Bay in this case). Potential for cumulative impact due to removal of any contaminated soils on both developments.	**Hydrogeology:** Mitigation proposed to protect local groundwater within development boundaries as well as surface water quality at nearby watercourses to same, during construction and operation of the proposed Project, will prevent groundwater and surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) and Appendix A5.1 (outline CEMP) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Identification of suitable disposal licenced sites for potentially contaminated soil.	**Hydrogeology:** Imperceptible
		Soils & Geology: Cumulative impacts relating to soils and geology unlikely given distance from proposed Project, setting and nature of development	**Soils & Geology:** Not applicable	**Soils & Geology:** Negligible
		Land Take: None. The development is outside of the proposed Project land take boundaries.	**Land Take:** Not applicable	**Land Take:** None
		Infrastructure & Utilities: Given the relatively close distance of the development subject to this planning application from the proposed alignment (approximately 400m) and the scale of the development (321 no. apartments and associated site works) there is potential for cumulative impacts should the construction periods overlap.	**Infrastructure & Utilities:** All utility diversions and new connections will be agreed with the relevant service providers. Designs for utility diversions have already been agreed in principle with the relevant utility providers and design refinement will be subject to further consultation. The duration of any service outage will be finalised with the relevant utility providers.	**Infrastructure & Utilities:** Not Significant
		Agronomy: No cumulative impact predicted	**Agronomy:** Not applicable	**Agronomy:** None
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: No cumulative impact predicted	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No cumulative impact predicted	**Architectural Heritage:** Not applicable	**Architectural Heritage:** None

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Landscape & Visual: No cumulative impact predicted	**Landscape & Visual:** Not applicable	**Landscape & Visual:** None
308905	Sanderly Holdings Limited Strategic Housing Development Demolition of existing vacant motor vehicle showroom and no. 38 Glasnevin Hill, construction of 101 no. apartments and associated site works	**Traffic & Transport:** Slight Negative impact on traffic during Construction Phase if occurs at same time as this project's construction.	**Traffic & Transport:** If Construction Phases occur at the same time then monitor increase in vehicles on the R108, consider alternative routing via Old Finglas Road – this can be noted in live construction documents	**Traffic & Transport:** Not Significant and Negative in Construction Phase
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: Construction activity and construction traffic as a result of this development and the construction of Griffith Park Station may impact adversely on accessibility for local residents, businesses/community facilities and road users, should both developments be constructed concurrently. The construction of both projects will increase construction employment opportunities and may boost the positive direct and indirect economic effects associated with these projects in the local area.	**Population & Land-Use:** Traffic and transport mitigation measures outlined in Chapter 9 (Traffic and Transport) will be implemented during construction to reduce impacts on population.	**Population & Land-Use:** Not Significant
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development.	**Electromagnetic Interference:** Not applicable	**Electromagnetic Interference:** Imperceptible
		Airborne Noise & Vibration: Development set back from closest surface works associated with the proposed Project by considerable distance with no potential for cumulative noise or vibration impacts. No operational cumulative impacts predicted due to distance and underground rail line	**Airborne Noise & Vibration:** Not applicable	**Airborne Noise & Vibration:** None
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable	**Groundborne Noise & Vibration:** None
		Biodiversity Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss arising from extreme habitat degradation. Should the construction periods overlap there is potential for cumulative disturbance on fauna resulting in displacement from the locality	**Biodiversity**: Mitigation proposed in this EIAR and in Appendix A5.1 (outline CEMP) to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events. Mitigation proposed in this EIAR to reduce disturbance impacts on fauna species during the construction phase of the proposed Project will mitigate potential cumulative impacts on fauna species.	**Biodiversity:** Not Significant
		Air Quality: Potential for cumulative dust impacts during the Construction Phase if both developments are under construction at the same time. Potential increase in traffic emissions in the local area during the Construction Phase if both projects were under construction at the same time. However impacts are unlikely to be significant.	**Air Quality:** Dust mitigation measures outlined in the CEMP in Volume 5 of the EIAR and Chapter 16 Air Quality in Volume 3, Book 2 of this EIAR will mitigate potential cumulative dust impacts. Dust deposition monitoring on the proposed Project will confirm concentrations within guideline values. Traffic and transport mitigation measures during construction to reduce impact on air quality.	**Air Quality:** Not Significant
		Climate: No significant cumulative impacts will occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase	**Climate:** Not applicable	**Climate:** No significant cumulative impacts will occur with respect to climate during construction of this development.
		Hydrology: Potential for cumulative impact due to removal of contaminated soils from this [former motor vehicle dealership/ maintenance site] development and the proposed Project. Potential for cumulative impact on nearby drainage channels and connection with the [culverted] Claremont Stream and River Tolka to the south for example, due to accidental pollution event during the construction and/or operation of this development and hence potential impact on downstream habitats including Dublin Bay.	**Hydrology:** Identification of suitable disposal licenced sites for contaminated soil. Mitigation proposed to protect surface water quality at off-site identified watercourses including the Claremont Stream and River Tolka to the south during construction and operation of the proposed Project, will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) and Appendix A5.1 (outline CEMP) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats.	**Hydrology:** Not Significant/ Imperceptible
		Hydrogeology: Potential for cumulative impact due to accidental pollution/ discharge to ground event during the construction and/or operation of this development on nearby watercourses including the [culverted] Claremont Stream and River Tolka to the south and where groundwater discharges to nearby surface water features, and hence potential impact on downstream habitats, for example Dublin Bay.	**Hydrogeology:** Mitigation proposed to protect local groundwater within development boundaries as well as surface water quality at nearby watercourses/ tributaries to same, during construction and operation of the proposed Project, will prevent groundwater and surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) and Appendix A5.1 (outline CEMP) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats.	**Hydrogeology:** Not Significant/ Imperceptible

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Potential for cumulative impact due to removal of subsoils and/or contaminated soils from this development and the proposed Project. Short-term dewatering effects possible for construction of basement/ underground car parking. Some potential for local reduction in recharge to ground	Identification of suitable disposal licenced sites for contaminated soil for example. Recharge to ground where feasible as part of SuDS.	
		Soils & Geology: Cumulative impacts relating to soils and geology unlikely given distance from proposed Project, setting and nature of development	**Soils & Geology:** Not applicable	**Soils & Geology:** Negligible
		Land Take: None. The development is outside of the proposed Project land take boundaries.	**Land Take:** Not applicable	**Land Take:** None
		Infrastructure & Utilities: Given the relatively close distance of the development subject to this planning application from the proposed alignment at the proposed Griffith Park Station (<500m) and the scale of the development (101 no. apartments and associated site works) there is potential for cumulative impacts should the construction periods overlap.	**Infrastructure & Utilities:** All utility diversions and new connections will be agreed with the relevant service providers. Designs for utility diversions have already been agreed in principle with the relevant utility providers and design refinement will be subject to further consultation. The duration of any service outage will be finalised with the relevant utility providers.	**Infrastructure & Utilities:** Not Significant
		Agronomy: No cumulative impact predicted	**Agronomy:** Not applicable	**Agronomy:** None
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: Impacts to known and potential unknown archaeological deposits. Cumulative impact on archaeological heritage of Dublin but not considered significant.	**Archaeology & Cultural Heritage:** Proposed mitigation within this EIAR is sufficient to manage the cumulative impact	**Archaeology & Cultural Heritage:** Not significant
		Architectural Heritage: No cumulative impact predicted	**Architectural Heritage:** Not applicable	**Architectural Heritage:** None
		Landscape & Visual: No cumulative impact predicted	**Landscape & Visual:** Not applicable	**Landscape & Visual:** None
308917	DBTR-SCR1 Fund a Sub-Fund of the CWTC Multi Family ICAV Strategic Housing Development Demolition of all buildings excluding the original fabric of the former Player Wills Factory at South Circular Road, Dublin 8, construction of 492 no. Build to Rent apartments, 240 no. Build to Rent shared accommodation along, creche and associated site works.	**Traffic & Transport:** Not Significant	**Traffic & Transport:** Not applicable	**Traffic & Transport:** Not Significant
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: The construction of both projects will increase construction employment opportunities and may boost the positive direct and indirect economic effects associated with these projects. Given the distance of this development from the proposed Project, no further significant cumulative impacts will occur with respect to population during construction of this development.	**Population & Land-Use:** Not applicable	**Population & Land-Use:** Not Significant
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development.	**Electromagnetic Interference:** Not applicable	**Electromagnetic Interference:** Imperceptible
		Airborne Noise & Vibration: Development set back from closest surface works associated with the proposed Project by considerable distance with no potential for cumulative noise or vibration impacts. No operational cumulative impacts predicted due to distance and underground rail line	**Airborne Noise & Vibration:** Not applicable	**Airborne Noise & Vibration:** None
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable	**Groundborne Noise & Vibration:** None
		Biodiversity Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss arising from extreme habitat degradation.	**Biodiversity**: Mitigation proposed in this EIAR and in Appendix A5.1 (outline CEMP) to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events.	**Biodiversity:** Not Significant
		Air Quality: Due to the distance from dust generating sites (>500m) associated with the proposed Project there is no likely significant cumulative dust impact. Due to the proposed developments location there is not a likely significant cumulative impact during the Construction or Operational Phase due to traffic emissions.	**Air Quality:** Not applicable	**Air Quality:** No likely significant Construction or Operational Phase cumulative impacts.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Climate: No significant cumulative impacts will occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase	**Climate:** Not applicable	**Climate:** No significant cumulative impacts will occur with respect to climate during construction of this development.
		Hydrology: No significant cumulative impacts. However, potential for cumulative impact on nearby drainage channels and connection with the [culverted] River Poddle to the east for example, due to accidental pollution event during the construction and/or operation of this development and hence potential impact on downstream habitats including Dublin Bay. Drainage potential to Grand Canal to the south unknown. Potential for cumulative impact due to removal of any contaminated soils on both developments	**Hydrology:** Mitigation proposed to protect surface water quality at identified receiving watercourses including the [culverted] River Poddle during construction and operation of the proposed Project, will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) and Appendix A5.1 (outline CEMP) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Identification of suitable disposal licenced sites for potentially contaminated soil.	**Hydrology:** Not Significant/ Imperceptible
		Hydrogeology: No significant cumulative impacts. However, potential for cumulative impact due to accidental pollution/ discharge to ground event during the construction and/or operation of this development on nearby watercourses including the [culverted] River Poddle and where groundwater discharges to nearby surface water features and hence potential impact on downstream habitats (Dublin Bay in this case). Short-term dewatering effects possible for construction of various basements. Potential for local reduction in recharge to ground Potential for cumulative impact due to removal of any contaminated soils on both developments	**Hydrogeology:** Mitigation proposed to protect local groundwater within development boundaries as well as surface water quality at nearby watercourses to same, during construction and operation of the proposed Project, will prevent groundwater and surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) and Appendix A5.1 (outline CEMP) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Recharge to ground where feasible as part of SuDS. Identification of suitable disposal licenced sites for potentially contaminated soil.	**Hydrogeology:** Not Significant/ Imperceptible
		Soils & Geology: Cumulative impacts relating to soils and geology unlikely given distance from proposed Project, setting and nature of development	**Soils & Geology:** Not applicable	**Soils & Geology:** Negligible
		Land Take: None. The development is outside of the proposed Project land take boundaries.	**Land Take:** Not applicable	**Land Take:** None
		Infrastructure & Utilities: None. Sufficient separation (>3km) to avoid cumulative impacts, even if construction periods overlap.	**Infrastructure & Utilities:** Not applicable	**Infrastructure & Utilities:** None
		Agronomy: No cumulative impact predicted	**Agronomy:** Not applicable	**Agronomy:** None
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: Impacts to known and potential unknown archaeological deposits. Cumulative impact on archaeological heritage of Dublin but not considered significant.	**Archaeology & Cultural Heritage:** Proposed mitigation within this EIAR is sufficient to manage the cumulative impact	**Archaeology & Cultural Heritage:** Not significant
		Architectural Heritage: No cumulative impact predicted due to distance from the proposed Project	**Architectural Heritage:** Not applicable	**Architectural Heritage:** None
		Landscape & Visual: No cumulative impact predicted due to distance from the proposed Project	**Landscape & Visual:** Not applicable	**Landscape & Visual:** None
309345	Bindford Limited Strategic Housing Development 205 no. Build to Rent apartments and associated site works at 113 Phibsborough Road, Cross Guns Bridge, Phibsborough, Dublin 7	**Traffic & Transport:** Moderate Negative - Proximity to Glasnevin Station, during construction this may increase vehicles and delays if occurs at same time as station construction. Operational Phase showing pedestrian congestion on Prospect Road near bus stops, which may be worsened with the increased population within the catchment	**Traffic & Transport:** Consider alternative haul routes during Construction Phases. Widths of footpaths may have to be reconsidered, particularly at bus stop locations	**Traffic & Transport:** Slight Negative during Construction phase, Moderate Negative impact during Operational Phase
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: Construction activity and construction traffic as a result of this development and the construction of Glasnevin Station may impact adversely on local accessibility should both developments be constructed concurrently, potentially leading to a cumulative severance effect for local residents, businesses/community facilities and road users. If this development coincides with the construction of Glasnevin Station, there is potential for a significant adverse cumulative impact of	**Population & Land-Use:** Traffic and transport mitigation measures outlined in Chapter 9 (Traffic and Transport) will be implemented during construction to reduce impacts on population. Engagement with applicant/site owner to allow temporary diversions for the Royal Canal Way and prevent full closure of the route.	**Population & Land-Use:** Medium-Term and Not Significant impact in terms of severance and access to open space.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		moderate significance on access to open space as a result of the impact of construction activity for both projects on the Royal Canal Way and associated closures. Without mitigation, there is potential for this development to impede potential diversions on the south bank of the Royal Canal to mitigate the impact of the closure of the Royal Canal Way during construction of Glasnevin Station. The construction of both projects will increase construction employment opportunities and may boost the positive direct and indirect economic effects associated with these projects in the local area.		
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development.	**Electromagnetic Interference:** Not applicable	**Electromagnetic Interference:** Imperceptible
		Airborne Noise & Vibration: Depending on project timelines, potential for significant cumulative construction noise and vibration impacts if both projects are under construction concurrently. No operational cumulative impacts predicted due to negligible to minor noise sources from proposed SHD development once operational	**Airborne Noise & Vibration:** Coordination of construction projects, limit values and best practice noise and vibration mitigation measures for both projects if under construction at the same time.	**Airborne Noise & Vibration:** Potential Significant cumulative impacts depending on Construction Phase overlaps. Not significant if no construction overlaps occur
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable	**Groundborne Noise & Vibration:** None
		Biodiversity Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss arising from extreme habitat degradation. Should the construction periods overlap there is potential for cumulative disturbance on fauna resulting in displacement from the locality Potential for cumulative disturbance on nocturnal fauna (bats) due to increased lighting locally.	**Biodiversity**: Mitigation proposed in this EIAR and in Appendix A5.1 (outline CEMP) to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events. Mitigation proposed in this EIAR to reduce disturbance impacts on fauna species during the construction phase of the proposed Project will mitigate potential cumulative impacts on fauna species.	**Biodiversity:** Not Significant
		Air Quality: Potential for cumulative dust impacts during the Construction Phase if both developments are under construction at the same time. Potential increase in traffic emissions in the local area during the Construction Phase if both projects were under construction at the same time. However impacts are unlikely to be significant.	**Air Quality:** Dust mitigation measures outlined in the CEMP in Volume 5 of the EIAR and Chapter 16 Air Quality in Volume 3, Book 2 of this EIAR will mitigate potential cumulative dust impacts. Dust deposition monitoring on the proposed Project will confirm concentrations within guideline values. Traffic and transport mitigation measures during construction to reduce impact on air quality.	**Air Quality:** Not Significant
		Climate: No significant cumulative impacts will occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase	**Climate:** Not applicable	**Climate:** Not Significant
		Hydrology: No significant cumulative impacts. Potential for cumulative impact on nearby drainage channels and connection with the River Liffey to the south for example, due to accidental pollution event during the construction and/or operation of this development and hence potential impact on downstream habitats including Dublin Bay. Drainage in the nearby area to the Royal Canal not known. Potential for cumulative impact due to removal of any contaminated soils on both developments	**Hydrology:** Mitigation proposed to protect surface water quality at identified receiving watercourses including the River Liffey during construction and operation of the proposed Project, will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) and Appendix A5.1 (outline CEMP) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Identification of suitable disposal licenced sites for potentially contaminated soil.	**Hydrology:** Not Significant/ Imperceptible
		Hydrogeology: No significant cumulative impacts. However, potential for cumulative impact due to accidental pollution/ discharge to ground event during the construction and/or operation of this development on off-site watercourses including the River Liffey and where groundwater discharges to nearby surface water features and hence potential impact on downstream habitats (Dublin Bay in this case). Short-term dewatering effects possible for basement construction. Potential for cumulative impact due to removal of any contaminated soils on both developments	**Hydrogeology:** Mitigation proposed to protect local groundwater within development boundaries as well as surface water quality at nearby watercourses to same, during construction and operation of the proposed Project, will prevent groundwater and surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) and Appendix A5.1 (outline CEMP) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Identification of suitable disposal licenced sites for potentially contaminated soil.	**Hydrogeology:** Imperceptible

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Soils & Geology: Near proposed Glasnevin Station and associated surface works however on the opposite side of the canal, cumulative impacts relating to soils and geology unlikely, setting and nature of development	**Soils & Geology:** Not applicable	**Soils & Geology:** Negligible
		Land Take: None. The development is adjacent to the proposed Project Project Boundary for Glasnevin Station.	**Land Take:** Not applicable	**Land Take:** None
		Infrastructure & Utilities: Given the close proximity of the development subject to this planning application from the proposed alignment at Glasnevin Station, there is potential for cumulative impacts should the construction periods overlap.	**Infrastructure & Utilities:** All utility diversions and new connections will be agreed with the relevant service providers. Designs for utility diversions have already been agreed in principle with the relevant utility providers and design refinement will be subject to further consultation. The duration of any service outage will be finalised with the relevant utility providers.	**Infrastructure & Utilities:** Not Significant
		Agronomy: No cumulative impact predicted	**Agronomy:** Not applicable	**Agronomy:** None
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: Impacts to known and potential unknown archaeological deposits. Cumulative impact on archaeological heritage of Dublin but not considered significant.	**Archaeology & Cultural Heritage:** Proposed mitigation within this EIAR is sufficient to manage the cumulative impact	**Archaeology & Cultural Heritage:** Not significant
		Architectural Heritage: No cumulative impact predicted.	**Architectural Heritage:** Not applicable	**Architectural Heritage:** None
		Landscape & Visual: The residential element is contained within the existing building footprint but also proposes small scale external open space/garden to the north-west The residential development and the open space do not infringe the southern canal towpath. The direct operational cumulative impacts relate to an improvement in landscape character and the visual environment of this area west of the Glasnevin Station which are **Slight and Positive**. For the Construction Phase of the proposed Project, access is required for plant and machinery across the proposed open space/garden associated with the apartments project, resulting in periodic deprivation of use of the open space. The cumulative effect of this is **moderate and negative**	**Landscape & Visual:** Operational Phase: Not applicable Construction Phase: restoration of the open space/garden upon completion of the proposed Project work requiring access.	**Landscape & Visual:** Operational: Slight and Positive Construction: Slight and Negative
309430	Colbeam Limited Strategic Housing Development 698 no. student bedspace accommodation and associated site works at Our Lady's Grove, Goatstown, Dublin 14	**Traffic & Transport:** Not Significant	**Traffic & Transport:** Not applicable	**Traffic & Transport:** Not Significant
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: Given the distance of this development from the proposed Project, no further significant cumulative impacts will occur with respect to population during construction of this development.	**Population & Land-Use:** Not applicable	**Population & Land-Use:** Not Significant
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development.	**Electromagnetic Interference:** Not applicable	**Electromagnetic Interference:** Imperceptible
		Airborne Noise & Vibration: Development set back from closest surface works associated with the proposed Project by considerable distance with no potential for cumulative noise or vibration impacts. No operational cumulative impacts predicted due to distance and underground rail line	**Airborne Noise & Vibration:** Not applicable	**Airborne Noise & Vibration:** None
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable	**Groundborne Noise & Vibration:** None
		Biodiversity Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss arising from extreme habitat degradation.	**Biodiversity**: Mitigation proposed in this EIAR and in Appendix A5.1 (outline CEMP) to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events.	**Biodiversity:** Not Significant
		Air Quality: Due to the distance from dust generating sites (>500m) associated with the proposed Project there is no likely significant cumulative dust impact. Due to the proposed developments location there is not a likely significant cumulative impact during the Construction or Operational Phase due to traffic emissions.	**Air Quality:** Not applicable	**Air Quality:** No likely significant Construction or Operational Phase cumulative impacts.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Climate: No significant cumulative impacts will occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase	**Climate:** Not applicable	**Climate:** No significant cumulative impacts will occur with respect to climate during construction of this development.
		Hydrology: Potential for cumulative impact on nearby drainage channels and connection with the [culverted] Slang River and Dodder River farther to the north for example, due to accidental pollution event during the construction and/or operation of this development and hence potential impact on downstream habitats including Dublin Bay.	**Hydrology:** Mitigation proposed to protect surface water quality at off-site identified watercourses including the Slang River and Dodder River during construction and operation of the proposed Project, will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) and Appendix A5.1 (outline CEMP) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats.	**Hydrology:** Not Significant/ Imperceptible
		Hydrogeology: Potential for cumulative impact due to accidental pollution/ discharge to ground event during the construction and/or operation of this development on nearby watercourses including the [culverted] Slang River and Dodder River farther to the north and where groundwater discharges to nearby surface water features, and hence potential impact on downstream habitats, for example Dublin Bay. Short-term dewatering effects possible for basement construction. Potential for cumulative impact due to removal of subsoils from this development and the proposed Project.	**Hydrogeology:** Mitigation proposed to protect local groundwater within development boundaries as well as surface water quality at nearby watercourses/ tributaries to same, during construction and operation of the proposed Project, will prevent groundwater and surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) and Appendix A5.1 (outline CEMP) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Identification of suitable disposal licenced sites for all soil classifications	**Hydrogeology:** Not Significant/ Imperceptible
		Soils & Geology: Cumulative impacts relating to soils and geology unlikely given distance from proposed Project, setting and nature of development	**Soils & Geology:** Not applicable	**Soils & Geology:** Negligible
		Land Take: None. The development is outside of the proposed Project land take boundaries.	**Land Take:** Not applicable	**Land Take:** None
		Infrastructure & Utilities: None. Sufficient separation (>4km) to avoid cumulative impacts, even if construction periods overlap.	**Infrastructure & Utilities:** Not applicable	**Infrastructure & Utilities:** None
		Agronomy: No cumulative impact predicted due to distance from the proposed Project	**Agronomy:** Not applicable	**Agronomy:** None
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: No cumulative impact predicted due to distance from the proposed Project	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No cumulative impact predicted due to distance from the proposed Project	**Architectural Heritage:** Not applicable	**Architectural Heritage:** None
		Landscape & Visual: No cumulative impact predicted due to distance from the proposed Project	**Landscape & Visual:** Not applicable	**Landscape & Visual:** None
309657	The Park Shopping Centre Limited Strategic Housing Development Demolition of the existing Park Shopping Centre and nos. 42-45 Prussia Street, construction of 175 no. residential units (3 no. houses, 29 no. Build to Rent apartments and 584 no. student bedspaces) and associated site works.	**Traffic & Transport:** Not Significant	**Traffic & Transport:** Not applicable	**Traffic & Transport:** Not Significant
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: With no significant cumulative environmental or traffic / transport related effects identified that could give rise to disturbance/nuisance to local population, no significant adverse cumulative effects anticipated with respect to population and land use will arise during construction or operation of this development. The construction of both projects will increase construction employment opportunities and may boost the positive direct and indirect economic effects associated with these projects in the local area	**Population & Land-Use:** Not applicable	**Population & Land-Use:** Not Significant
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development.	**Electromagnetic Interference:** Not applicable	**Electromagnetic Interference:** Imperceptible

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Airborne Noise & Vibration: Development set back from closest surface works associated with the proposed Project by considerable distance with no potential for cumulative noise or vibration impacts. No operational cumulative impacts predicted due to distance and underground rail line	**Airborne Noise & Vibration:** Not applicable	**Airborne Noise & Vibration:** None
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable	**Groundborne Noise & Vibration:** None
		Biodiversity Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss arising from extreme habitat degradation.	**Biodiversity**: Mitigation proposed in this EIAR and in Appendix A5.1 (outline CEMP) to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events.	**Biodiversity:** Not Significant
		Air Quality: Due to the distance from dust generating sites (>500m) associated with the proposed Project there is no likely significant cumulative dust impact. Due to the proposed developments location there is not a likely significant cumulative impact during the Construction or Operational Phase due to traffic emissions.	**Air Quality:** Not applicable	**Air Quality:** No likely significant Construction or Operational Phase cumulative impacts.
		Climate: No significant cumulative impacts will occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase	**Climate:** Not applicable	**Climate:** No significant cumulative impacts will occur with respect to climate during construction of this development.
		Hydrology: No significant cumulative impacts. However, potential for cumulative impact on nearby drainage channels and connection with the River Liffey to the south for example, due to accidental pollution event during the construction and/or operation of this development and hence potential impact on downstream habitats including Dublin Bay. Potential for cumulative impact due to removal of any contaminated soils on both developments	**Hydrology:** Mitigation proposed to protect surface water quality at identified receiving watercourses including the River Liffey during construction and operation of the proposed Project, will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) and Appendix A5.1 (outline CEMP) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Identification of suitable disposal licenced sites for potentially contaminated soil.	**Hydrology:** Not Significant/ Imperceptible
		Hydrogeology: No significant cumulative impacts. However, potential for cumulative impact due to accidental pollution/ discharge to ground event during the construction and/or operation of this development on River Liffey and where groundwater discharges to nearby surface water features and hence potential impact on downstream habitats (Dublin Bay). Short-term dewatering effects possible for lower-level construction. Potential for cumulative impact due to removal of any contaminated soils on both developments.	**Hydrogeology:** Mitigation proposed to protect local groundwater within development boundaries as well as surface water quality at nearby watercourses to same, during construction and operation of the proposed Project, will prevent groundwater and surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) and Appendix A5.1 (outline CEMP) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Identification of suitable disposal licenced sites including for potentially contaminated soil.	**Hydrogeology:** Not Significant
		Soils & Geology: Cumulative impacts relating to soils and geology unlikely given distance from proposed Project, setting and nature of development	**Soils & Geology:** Not applicable	**Soils & Geology:** Negligible
		Land Take: None. The development is outside of the proposed Project land take boundaries.	**Land Take:** Not applicable	**Land Take:** None
		Infrastructure & Utilities: None. Sufficient separation (approximately 1.3km) to avoid cumulative impacts, even if construction periods overlap.	**Infrastructure & Utilities:** Not applicable	**Infrastructure & Utilities:** None
		Agronomy: No cumulative impact predicted due to distance from the proposed Project	**Agronomy:** Not applicable	**Agronomy:** None
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: No predicted cumulative impacts due to distance of development from proposed project.	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No cumulative impact predicted due to distance from the proposed Project	**Architectural Heritage:** Not applicable	**Architectural Heritage:** None
		Landscape & Visual: No cumulative impact predicted due to distance from the proposed Project	**Landscape & Visual:** Not applicable	**Landscape & Visual:** None

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
309807	Atlas GP Limited Strategic Housing Development Demolition of 4 no. dwellings (Rockwinds, Woodlawn, No. 43 Watson Road and No. 66 Watson Drive), construction of 255 no. residential units (7 no. houses, 248 no. apartments), childcare facility and associated site works.	**Traffic & Transport:** Not Significant	**Traffic & Transport:** Not applicable	**Traffic & Transport:** Not Significant
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: Given the distance of this development from the proposed Project, no further significant cumulative impacts will occur with respect to population during construction of this development.	**Population & Land-Use:** Not applicable	**Population & Land-Use:** Not Significant
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development.	**Electromagnetic Interference:** Not applicable	**Electromagnetic Interference:** Imperceptible
		Airborne Noise & Vibration: Development set back from closest surface works associated with the proposed Project by considerable distance with no potential for cumulative noise or vibration impacts. No operational cumulative impacts predicted due to distance and underground rail line	**Airborne Noise & Vibration:** Not applicable	**Airborne Noise & Vibration:** None
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable	**Groundborne Noise & Vibration:** None
		Biodiversity Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss arising from extreme habitat degradation.	**Biodiversity**: Mitigation proposed in this EIAR and in Appendix A5.1 (outline CEMP) to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events.	**Biodiversity:** Not Significant
		Air Quality: Due to the distance from dust generating sites (>500m) associated with the proposed Project there is no likely significant cumulative dust impact. Due to the proposed developments location there is not a likely significant cumulative impact during the Construction or Operational Phase due to traffic emissions.	**Air Quality:** Not applicable	**Air Quality:** No likely significant Construction or Operational Phase cumulative impacts.
		Climate: No significant cumulative impacts will occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase	**Climate:** Not applicable	**Climate:** No significant cumulative impacts will occur with respect to climate during construction of this development.
		Hydrology: No significant cumulative impacts. Potential for cumulative impact on nearby drainage channels and connection with the Kill-O-The-Grange Stream to the west for example, due to accidental pollution event during the construction and/or operation of this development and hence potential impact on downstream habitats of importance. Potential for cumulative impact due to removal of any [contaminated/ other] soils on both developments	**Hydrology:** Mitigation proposed to protect surface water quality at identified receiving watercourses including the Kill-O-The-Grange Stream during construction and operation of the proposed Project, will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) and Appendix A5.1 (outline CEMP) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Identification of suitable disposal licenced sites for all soil types.	**Hydrology:** Not Significant/ Imperceptible
		Hydrogeology: No significant cumulative impacts. However, potential for cumulative impact due to accidental pollution/ discharge to ground event during the construction and/or operation of this development on Kill-O-The-Grange Stream and where groundwater discharges to nearby surface water features and hence potential impact on downstream habitats as identified. Short-term dewatering effects possible for lower-level construction. Potential for cumulative impact due to removal of any contaminated/ other soils on both developments.	**Hydrogeology:** Mitigation proposed to protect local groundwater within development boundaries as well as surface water quality at nearby watercourses to same, during construction and operation of the proposed Project, will prevent groundwater and surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) and Appendix A5.1 (outline CEMP) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Identification of suitable disposal licenced sites including for potentially contaminated soil.	**Hydrogeology:** Not Significant/ Imperceptible
		Soils & Geology: Cumulative impacts relating to soils and geology unlikely given distance from proposed Project, setting and nature of development	**Soils & Geology:** Not applicable	**Soils & Geology:** Negligible
		Land Take: None. The development is outside of the proposed Project land take boundaries.	**Land Take:** Not applicable	**Land Take:** None
		Infrastructure & Utilities: None. Sufficient separation (> 10km) to avoid cumulative impacts, even if construction periods overlap.	**Infrastructure & Utilities:** Not applicable	**Infrastructure & Utilities:** None
		Agronomy: No predicted cumulative impacts due to distance of development from proposed project.	**Agronomy:** Not applicable	**Agronomy:** None

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: No predicted cumulative impacts due to distance of development from proposed project.	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No predicted cumulative impacts due to distance of development from proposed project.	**Architectural Heritage:** Not applicable	**Architectural Heritage:** None
		Landscape & Visual: No predicted cumulative impacts due to distance of development from proposed project.	**Landscape & Visual:** Not applicable	**Landscape & Visual:** None
309828	Ironborn Real Estate Limited Strategic Housing Development 445 no. Build to Rent apartments, creche and associated site works at Stepaside, Dublin 18	**Traffic & Transport:** Not Significant	**Traffic & Transport:** Not applicable	**Traffic & Transport:** Not Significant
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: The construction of both projects will increase construction employment opportunities and may boost the positive direct and indirect economic effects associated with these projects. Given the distance of this development from the proposed Project, no further significant cumulative impacts will occur with respect to population during construction of this development.	**Population & Land-Use:** Not applicable	**Population & Land-Use:** Not Significant
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development.	**Electromagnetic Interference:** Not applicable	**Electromagnetic Interference:** Imperceptible
		Airborne Noise & Vibration: Development set back from closest surface works associated with the proposed Project by considerable distance with no potential for cumulative noise or vibration impacts. No operational cumulative impacts predicted due to distance and underground rail line	**Airborne Noise & Vibration:** Not applicable	**Airborne Noise & Vibration:** None
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable	**Groundborne Noise & Vibration:** None
		Biodiversity Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss arising from extreme habitat degradation.	**Biodiversity**: Mitigation proposed in this EIAR and in Appendix A5.1 (outline CEMP) to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events.	**Biodiversity:** Not Significant
		Air Quality: Due to the distance from dust generating sites (>500m) associated with the proposed Project there is no likely significant cumulative dust impact. Due to the proposed developments location there is not a likely significant cumulative impact during the Construction or Operational Phase due to traffic emissions.	**Air Quality:** Not applicable	**Air Quality:** No likely significant Construction or Operational Phase cumulative impacts.
		Climate: No significant cumulative impacts will occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase	**Climate:** Not applicable	**Climate:** No significant cumulative impacts will occur with respect to climate during construction of this development.
		Hydrology: No significant cumulative impacts. Potential for cumulative impact on nearby drainage channels and connection with the Carrickmines Stream to the north and its tributary the Barnacullia watercourse to the south for example, due to accidental pollution event during the construction and/or operation of this development and hence potential impact on downstream habitats of importance. Potential for cumulative impact due to removal of any [contaminated/ other] soils on both developments.	**Hydrology:** Mitigation proposed to protect surface water quality at identified receiving watercourses including the Carrickmines Stream to the north and its tributary the Barnacullia watercourse during construction and operation of the proposed Project, will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) and Appendix A5.1 (outline CEMP) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Identification of suitable disposal licenced sites for all soil types.	**Hydrology:** Not Significant/ Imperceptible
		Hydrogeology: No significant cumulative impacts. However, potential for cumulative impact due to accidental pollution/ discharge to ground event during the construction and/or operation of this development on Carrickmines Stream to the north and its tributary the Barnacullia watercourse and where groundwater discharges to nearby	**Hydrogeology:** Mitigation proposed to protect local groundwater within development boundaries as well as surface water quality at nearby watercourses to same, during construction and operation of the proposed Project, will prevent groundwater and surface water pollution events. Specifically, construction will be in	**Hydrogeology:** Not Significant/ Imperceptible

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		surface water features and hence potential impact on downstream habitats as identified. Short-term dewatering effects possible for lower-level construction/ basements. Potential for local reduction in recharge to ground Potential for cumulative impact due to removal of any contaminated/ other soils on both developments.	line with the mitigation measures defined within Chapter 19 (Hydrogeology) and Appendix A5.1 (outline CEMP) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Recharge to ground where feasible as part of SuDS. Identification of suitable disposal licenced sites including for potentially contaminated soil.	
		Soils & Geology: Cumulative impacts relating to soils and geology unlikely given distance from proposed Project, setting and nature of development	**Soils & Geology:** Not applicable	**Soils & Geology:** Negligible
		Land Take: None. The development is outside of the proposed Project land take boundaries.	**Land Take:** Not applicable	**Land Take:** None
		Infrastructure & Utilities: None. Sufficient separation (> 8km) to avoid cumulative impacts, even if construction periods overlap.	**Infrastructure & Utilities:** Not applicable	**Infrastructure & Utilities:** None
		Agronomy: No cumulative impact predicted due to distance from the proposed Project	**Agronomy:** Not applicable	**Agronomy:** None
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: No predicted cumulative impacts due to distance of development from proposed project.	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No predicted cumulative impacts due to distance of development from proposed project.	**Architectural Heritage:** Not applicable	**Architectural Heritage:** None
		Landscape & Visual: Development considered too far from the proposed Project to create any likelihood of cumulative impacts.	**Landscape & Visual:** Not applicable	**Landscape & Visual:** None
309846	Adroit Operations Limited Strategic Housing Development 203 no. residential units (109 no. houses, 94 no. apartments), creche and associated site works at Enniskerry Road, Kiltiernan, Dublin 18	**Traffic & Transport:** Not Significant	**Traffic & Transport:** Not applicable	**Traffic & Transport:** Not Significant
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: Given the distance of this development from the proposed Project, no further significant cumulative impacts will occur with respect to population during construction of this development.	**Population & Land-Use:** Not applicable	**Population & Land-Use:** Not Significant
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development.	**Electromagnetic Interference:** Not applicable	**Electromagnetic Interference:** Imperceptible
		Airborne Noise & Vibration: Development set back from closest surface works associated with the proposed Project by considerable distance with no potential for cumulative noise or vibration impacts. No operational cumulative impacts predicted due to distance and underground rail line	**Airborne Noise & Vibration:** Not applicable	**Airborne Noise & Vibration:** None
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable	**Groundborne Noise & Vibration:** None
		Biodiversity Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss arising from extreme habitat degradation.	**Biodiversity**: Mitigation proposed in this EIAR and in Appendix A5.1 (outline CEMP) to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events.	**Biodiversity:** Not Significant
		Air Quality: Due to the distance from dust generating sites (>500m) associated with proposed Project there is no likely significant cumulative dust impact. Due to the proposed developments location there is not a likely significant cumulative impact during the Construction or Operational Phase due to traffic emissions.	**Air Quality:** Not applicable	**Air Quality:** No likely significant Construction or Operational Phase cumulative impacts.
		Climate: No significant cumulative impacts will occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has	**Climate:** Not applicable	**Climate:** No significant cumulative impacts will occur with respect to climate during construction of this development.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase		
		Hydrology: No significant cumulative impacts. Potential for cumulative impact on nearby drainage channels and connection with the Glenamuck North watercourse (Golf Stream) to the north and the Shanganagh (Loughlinstown Stream) watercourse to the south for example, due to accidental pollution event during the construction and/or operation of this development and hence potential impact on downstream habitats of importance. Potential for cumulative impact due to removal of any [contaminated/ other] soils on both developments.	**Hydrology:** Mitigation proposed to protect surface water quality at identified receiving watercourses including the Glenamuck North watercourse (Golf Stream) to the north and the Shanganagh (Loughlinstown Stream) watercourse during construction and operation of the proposed Project, will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) and Appendix A5.1 (outline CEMP) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Identification of suitable disposal licenced sites for all soil types.	**Hydrology:** Not Significant/ Imperceptible
		Hydrogeology: No significant cumulative impacts. However, potential for cumulative impact due to accidental pollution/ discharge to ground event during the construction and/or operation of this development on the Glenamuck North watercourse (Golf Stream) to the north and the Shanganagh (Loughlinstown Stream) watercourse and where groundwater potentially discharges to nearby surface water features and hence potential impact on downstream habitats as identified. Short-term dewatering effects possible for lower-level construction/ basements. Potential for local reduction in recharge to ground Potential for cumulative impact due to removal of any contaminated/ other soils on both developments.	**Hydrogeology:** Mitigation proposed to protect local groundwater within development boundaries as well as surface water quality at nearby watercourses to same, during construction and operation of the proposed Project, will prevent groundwater and surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) and Appendix A5.1 (outline CEMP) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Recharge to ground where feasible as part of SuDS. Identification of suitable disposal licenced sites including for potentially contaminated soil.	**Hydrogeology:** Not Significant/ Imperceptible
		Soils & Geology: Cumulative impacts relating to soils and geology unlikely given distance from proposed Project, setting and nature of development	**Soils & Geology:** Not applicable	**Soils & Geology:** Negligible
		Land Take: None. The development is outside of the proposed Project land take boundaries.	**Land Take:** Not applicable	**Land Take:** None
		Infrastructure & Utilities: No predicted cumulative impacts due to distance of development from proposed project.	**Infrastructure & Utilities:** Not applicable	**Infrastructure & Utilities:** None
		Agronomy: No predicted cumulative impacts due to distance of development from proposed project.	**Agronomy:** Not applicable	**Agronomy:** None
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: No predicted cumulative impacts due to distance of development from proposed project.	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No predicted cumulative impacts due to distance of development from proposed project.	**Architectural Heritage:** Not applicable	**Architectural Heritage:** None
		Landscape & Visual: No predicted cumulative impacts due to distance of development from proposed project.	**Landscape & Visual:** Not applicable	**Landscape & Visual:** None
309836	Ardstone Homes Limited Strategic Housing Development 241 no. apartments and associated site works. Stocking Avenue, Woodstown, Dublin 16	**Traffic & Transport:** Not Significant	**Traffic & Transport:** Not applicable	**Traffic & Transport:** Not Significant
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: Given the distance of this development from the proposed Project, no further significant cumulative impacts will occur with respect to population during construction of this development.	**Population & Land-Use:** Not applicable	**Population & Land-Use:** Not Significant
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development.	**Electromagnetic Interference:** Not applicable	**Electromagnetic Interference:** Imperceptible
		Airborne Noise & Vibration: Development set back from closest surface works associated with the proposed Project by considerable distance with no potential for cumulative noise or vibration impacts. No operational cumulative impacts predicted due to distance and underground rail line	**Airborne Noise & Vibration:** Not applicable	**Airborne Noise & Vibration:** None

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable	**Groundborne Noise & Vibration:** None
		Biodiversity Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss arising from extreme habitat degradation.	**Biodiversity**: Mitigation proposed in this EIAR and in Appendix A5.1 (outline CEMP) to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events.	**Biodiversity:** Not Significant
		Air Quality: Due to the distance from dust generating sites (>500m) associated with the proposed Project there is no likely significant cumulative dust impact. Due to the proposed developments location there is not a likely significant cumulative impact during the Construction or Operational Phase due to traffic emissions.	**Air Quality:** Not applicable	**Air Quality:** No likely significant Construction or Operational Phase cumulative impacts.
		Climate: No significant cumulative impacts will occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase	**Climate:** Not applicable	**Climate:** No significant cumulative impacts will occur with respect to climate during construction of this development.
		Hydrology: No significant cumulative impacts. Potential for cumulative impact on nearby drainage channels and connection with the Owenadoher watercourse to the east (and the River Dodder farther to the north east) for example, due to accidental pollution event during the construction and/or operation of this development and hence potential impact on downstream habitats of importance. Potential for cumulative impact due to removal of any [contaminated/ other] soils on both developments.	**Hydrology:** Mitigation proposed to protect surface water quality at identified receiving watercourses including the Owenadoher watercourse to the east (and the River Dodder farther to the north east) during construction and operation of the proposed Project, will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) and Appendix A5.1 (outline CEMP) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Identification of suitable disposal licenced sites for all soil types.	**Hydrology:** Not Significant/ Imperceptible
		Hydrogeology: No significant cumulative impacts. However, potential for cumulative impact due to accidental pollution/ discharge to ground event during the construction and/or operation of this development on the Owenadoher watercourse to the east (and the River Dodder farther to the north east) and where groundwater potentially discharges to nearby surface water features and hence potential impact on downstream habitats as identified. Short-term dewatering effects possible for lower-level construction/ basements. Potential for local reduction in recharge to ground Potential for cumulative impact due to removal of any contaminated/ other soils on both developments.	**Hydrogeology:** Mitigation proposed to protect local groundwater within development boundaries as well as surface water quality at nearby watercourses to same, during construction and operation of the proposed Project, will prevent groundwater and surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) and Appendix A5.1 (outline CEMP) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Recharge to ground where feasible as part of SuDS. Identification of suitable disposal licenced sites including for potentially contaminated soil.	**Hydrogeology:** Not Significant/ Imperceptible
		Soils & Geology: Cumulative impacts relating to soils and geology unlikely given distance from proposed Project, setting and nature of development	**Soils & Geology:** Not applicable	**Soils & Geology:** Negligible
		Land Take: None. The development is outside of the proposed Project land take boundaries.	**Land Take:** Not applicable	**Land Take:** None
		Infrastructure & Utilities: None. Sufficient separation (> 7km) to avoid cumulative impacts, even if construction periods overlap.	**Infrastructure & Utilities:** Not applicable	**Infrastructure & Utilities:** None
		Agronomy: No predicted cumulative impacts due to distance of development from proposed project.	**Agronomy:** Not applicable	**Agronomy:** None
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: No predicted cumulative impacts due to distance of development from proposed project.	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No predicted cumulative impacts due to distance of development from proposed project.	**Architectural Heritage:** Not applicable	**Architectural Heritage:** None
		Landscape & Visual: Development considered too far from the proposed Project to create any likelihood of cumulative impacts.	**Landscape & Visual:** Not applicable	**Landscape & Visual:** None
310112	Durkan (Brickfield Drive) Limited Strategic Housing Development	**Traffic & Transport:** Negative and Slight, if construction works occur at same time, potential conflict with HGV routes from Charlemont, but associated vehicles should be minimal.	**Traffic & Transport:** Consider alternative routing if construction works occur at the same time	**Traffic & Transport:** Not Significant

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
	282 apartment units in four blocks. Brickfield Drive, Crumlin, Dublin 12.	**Human Health:** Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use:. Given the distance of this development from the proposed Project, no further significant cumulative impacts will occur with respect to population during construction of this development.	**Population & Land-Use:** Not applicable	**Population & Land-Use:** Not Significant
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development.	**Electromagnetic Interference:** Not applicable	**Electromagnetic Interference:** Imperceptible
		Airborne Noise & Vibration: Development set back from closest surface works associated with the proposed Project by considerable distance with no potential for cumulative noise or vibration impacts. No operational cumulative impacts predicted due to distance and underground rail line	**Airborne Noise & Vibration:** Not applicable	**Airborne Noise & Vibration:** None
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable	**Groundborne Noise & Vibration:** None
		Biodiversity Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss arising from extreme habitat degradation.	**Biodiversity**: Mitigation proposed in this EIAR and in Appendix A5.1 (outline CEMP) to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events.	**Biodiversity:** Not Significant
		Air Quality: Due to the distance from dust generating sites (>500m) associated with the proposed Project there is no likely significant cumulative dust impact. Due to the proposed developments location there is not a likely significant cumulative impact during the Construction or Operational Phase due to traffic emissions.	**Air Quality:** Not applicable	**Air Quality:** No likely significant Construction or Operational Phase cumulative impacts.
		Climate: No significant cumulative impacts will occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase	**Climate:** Not applicable	**Climate:** No significant cumulative impacts will occur with respect to climate during construction of this development.
		Hydrology: No significant cumulative impacts. However, potential for cumulative impact on nearby drainage channels and connection with the Camac River to the north and [culverted] River Poddle to the southeast for example, due to accidental pollution event during the construction and/or operation of this development and hence potential impact on downstream habitats including Dublin Bay. Drainage potential to Grand Canal to the north unknown. Potential for cumulative impact due to removal of any contaminated soils on both developments	**Hydrology:** Mitigation proposed to protect surface water quality at identified receiving watercourses including the Camac River to the north and [culverted] River Poddle to the southeast during construction and operation of the proposed Project, will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) and Appendix A5.1 (outline CEMP) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Identification of suitable disposal licenced sites for potentially contaminated soil.	**Hydrology:** Not Significant/ Imperceptible
		Hydrogeology: No significant cumulative impacts. However, potential for cumulative impact due to accidental pollution/ discharge to ground event during the construction and/or operation of this development on nearby watercourses including the Camac River to the north and [culverted] River Poddle to the southeast and where groundwater discharges to nearby surface water features and hence potential impact on downstream habitats (Dublin Bay in this case). Short-term dewatering effects possible for lower level construction works Potential for cumulative impact due to removal of any contaminated soils on both developments	**Hydrogeology:** Mitigation proposed to protect local groundwater within development boundaries as well as surface water quality at nearby watercourses to same, during construction and operation of the proposed Project, will prevent groundwater and surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) and Appendix A5.1 (outline CEMP) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Identification of suitable disposal licenced sites for potentially contaminated soil.	**Hydrogeology:** Not Significant/ Imperceptible
		Soils & Geology: Cumulative impacts relating to soils and geology unlikely given distance from proposed Project, setting and nature of development	**Soils & Geology:** Not applicable	**Soils & Geology:** Negligible
		Land Take: None. The development is outside of the proposed Project land take boundaries.	**Land Take:** Not applicable	**Land Take:** None
		Infrastructure & Utilities: None. Sufficient separation (approximately 3km) to avoid cumulative impacts, even if construction periods overlap.	**Infrastructure & Utilities:** Not applicable	**Infrastructure & Utilities:** None
		Agronomy: No predicted cumulative impacts due to distance of development from proposed project.	**Agronomy:** Not applicable	**Agronomy:** None

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: No predicted cumulative impacts due to distance of development from proposed project.	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No predicted cumulative impacts due to distance of development from proposed project.	**Architectural Heritage:** Not applicable	**Architectural Heritage:** None
		Landscape & Visual: No predicted cumulative impacts due to distance of development from proposed project.	**Landscape & Visual:** Not applicable	**Landscape & Visual:** None
310138	Winterbrook Homes Limited Strategic Housing Development 231 residential apartment units in five blocks. Mount St Mary's, Dundrum Road, Dublin 14	**Traffic & Transport:** Not Significant	**Traffic & Transport:** Not applicable	**Traffic & Transport:** Not Significant
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: The construction of both projects will increase construction employment opportunities and may boost the positive direct and indirect economic effects associated with these projects. Given the distance of this development from the proposed Project, no further significant cumulative impacts will occur with respect to population during construction of this development.	**Population & Land-Use:** Not applicable	**Population & Land-Use:** Not Significant
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development.	**Electromagnetic Interference:** Not applicable	**Electromagnetic Interference:** Imperceptible
		Airborne Noise & Vibration: Development set back from closest surface works associated with the proposed Project by considerable distance with no potential for cumulative noise or vibration impacts. No operational cumulative impacts predicted due to distance and underground rail line	**Airborne Noise & Vibration:** Not applicable	**Airborne Noise & Vibration:** None
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable	**Groundborne Noise & Vibration:** None
		Biodiversity Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss arising from extreme habitat degradation.	**Biodiversity**: Mitigation proposed in this EIAR and in Appendix A5.1 (outline CEMP) to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events.	**Biodiversity:** Not Significant
		Air Quality: Due to the distance from dust generating sites (>500m) associated with the proposed Project there is no likely significant cumulative dust impact. Due to the proposed developments location there is not a likely significant cumulative impact during the Construction or Operational Phase due to traffic emissions.	**Air Quality:** Not applicable	**Air Quality:** No likely significant Construction or Operational Phase cumulative impacts.
		Climate: No significant cumulative impacts will occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase	**Climate:** Not applicable	**Climate:** No significant cumulative impacts will occur with respect to climate during construction of this development.
		Hydrology: Potential for cumulative impact on nearby drainage channels and connection with the Slang River and nearby Dodder River to the north/ northwest for example, due to accidental pollution event during the construction and/or operation of this development and hence potential impact on downstream habitats including Dublin Bay.	**Hydrology:** Mitigation proposed to protect surface water quality at off-site identified watercourses including the Slang River and Dodder River during construction and operation of the proposed Project, will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) and Appendix A5.1 (outline CEMP) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats.	**Hydrology:** Not Significant/ Imperceptible
		Hydrogeology: Potential for cumulative impact due to accidental pollution/ discharge to ground event during the construction and/or operation of this development on nearby watercourses including the Slang River and nearby Dodder River to the north/ northwest and where groundwater discharges to nearby surface water features, and hence potential impact on downstream habitats, for example Dublin Bay. Short-term dewatering effects possible for basement construction.	**Hydrogeology:** Mitigation proposed to protect local groundwater within development boundaries as well as surface water quality at nearby watercourses/ tributaries to same, during construction and operation of the proposed Project, will prevent groundwater and surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) and Appendix A5.1 (outline CEMP) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats.	**Hydrogeology:** Not Significant/ Imperceptible

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Potential for local reduction in recharge to ground Potential for cumulative impact due to removal of subsoils from this development and the proposed Project.	Recharge to ground where feasible as part of SuDS. Identification of suitable disposal licenced sites for all soil classifications	
		Soils & Geology: Cumulative impacts relating to soils and geology unlikely given distance from proposed Project, setting and nature of development	**Soils & Geology:** Not applicable	**Soils & Geology:** Negligible
		Land Take: None. The development is outside of the proposed Project land take boundaries.	**Land Take:** Not applicable	**Land Take:** None
		Infrastructure & Utilities: None. Sufficient separation (approximately 2km) to avoid cumulative impacts, even if construction periods overlap.	**Infrastructure & Utilities:** Not applicable	**Infrastructure & Utilities:** None
		Agronomy: No predicted cumulative impacts due to distance of development from proposed project.	**Agronomy:** Not applicable	**Agronomy:** None
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: No predicted cumulative impacts due to distance of development from proposed project.	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No predicted cumulative impacts due to distance of development from proposed project.	**Architectural Heritage:** Not applicable	**Architectural Heritage:** None
		Landscape & Visual: No predicted cumulative impacts due to distance of development from proposed project.	**Landscape & Visual:** Not applicable	**Landscape & Visual:** None
310327	Bartra ODG Limited Strategic Housing Development 1,074 residential units in eight blocks. O'Devaney Gardens, Dublin 7	**Traffic & Transport:** Not Significant	**Traffic & Transport:** Not applicable	**Traffic & Transport:** Not Significant
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: With no significant cumulative environmental or traffic / transport related effects identified that could give rise to disturbance/nuisance to local population, no significant adverse cumulative effects anticipated with respect to population and land use will arise during construction or operation of this development. The construction of both projects will increase construction employment opportunities and may boost the positive direct and indirect economic effects associated with these projects in the local area.	**Population & Land-Use:** Not applicable	**Population & Land-Use:** Not Significant
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development.	**Electromagnetic Interference:** Not applicable	**Electromagnetic Interference:** Imperceptible
		Airborne Noise & Vibration: Development set back from closest surface works associated with the proposed Project by considerable distance with no potential for cumulative noise or vibration impacts. No operational cumulative impacts predicted due to distance and underground rail line	**Airborne Noise & Vibration:** Not applicable	**Airborne Noise & Vibration:** None
		Groundborne Noise & Vibration: No predicted cumulative impacts due to distance of development from proposed project.	**Groundborne Noise & Vibration:** Not applicable	**Groundborne Noise & Vibration:** None
		Biodiversity Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss arising from extreme habitat degradation.	**Biodiversity**: Mitigation proposed in this EIAR and in Appendix A5.1 (outline CEMP) to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events.	**Biodiversity:** Not Significant
		Air Quality: Due to the distance from dust generating sites (>500m) associated with the proposed Project there is no likely significant cumulative dust impact. Due to the proposed developments location there is not a likely significant cumulative impact during the Construction or Operational Phase due to traffic emissions.	**Air Quality:** Not applicable	**Air Quality:** No likely significant Construction or Operational Phase cumulative impacts.
		Climate: No significant cumulative impacts will occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has	**Climate:** Not applicable	**Climate:** No significant cumulative impacts will occur with respect to climate during construction of this development.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase		
		Hydrology: No significant cumulative impacts. However, potential for cumulative impact on nearby drainage channels and connection with the River Liffey to the south for example, due to accidental pollution event during the construction and/or operation of this development and hence potential impact on downstream habitats including Dublin Bay. Potential for cumulative impact due to removal of any contaminated soils on both developments	**Hydrology:** Mitigation proposed to protect surface water quality at identified receiving watercourses including the River Liffey during construction and operation of the proposed Project, will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) and Appendix A5.1 (outline CEMP) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Identification of suitable disposal licenced sites for potentially contaminated soil.	**Hydrology:** Not Significant/ Imperceptible
		Hydrogeology: No significant cumulative impacts. However, potential for cumulative impact due to accidental pollution/ discharge to ground event during the construction and/or operation of this development on River Liffey and where groundwater discharges to nearby surface water features and hence potential impact on downstream habitats (Dublin Bay). Short-term dewatering effects possible for lower-level construction works. Potential for local reduction in recharge to ground Potential for cumulative impact due to removal of any contaminated soils on both developments.	**Hydrogeology:** Mitigation proposed to protect local groundwater within development boundaries as well as surface water quality at nearby watercourses to same, during construction and operation of the proposed Project, will prevent groundwater and surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) and Appendix A5.1 (outline CEMP) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Recharge to ground where feasible as part of SuDS. Identification of suitable disposal licenced sites including for potentially contaminated soil.	**Hydrogeology:** Not Significant/ Imperceptible
		Soils & Geology: Cumulative impacts relating to soils and geology unlikely given distance from proposed Project, setting and nature of development	**Soils & Geology:** Not applicable	**Soils & Geology:** Negligible
		Land Take: None. The development is outside of the proposed Project land take boundaries.	**Land Take:** Not applicable	**Land Take:** None
		Infrastructure & Utilities: Given the relatively close distance of the development subject to this planning application from the proposed Mater and O'Connell Street Stations (approximately 1.2km) and the scale of the development (1,047 no. residential units and associated site works) there is potential for cumulative impacts should the construction periods overlap.	**Infrastructure & Utilities:** All utility diversions and new connections will be agreed with the relevant service providers. Designs for utility diversions have already been agreed in principle with the relevant utility providers and design refinement will be subject to further consultation. The duration of any service outage will be finalised with the relevant utility providers.	**Infrastructure & Utilities:** Not Significant
		Agronomy: No predicted cumulative impacts due to distance of development from proposed project.	**Agronomy:** Not applicable	**Agronomy:** None
		Material & Waste Management: Potential for additional material requiring disposal to arise from this development. This may reduce the available management capacity available to the proposed Project should this development occur before or at the same time as the proposed Project.	**Material & Waste Management:** Mitigation proposed in Chapter 24 (Materials & Waste Management) will be sufficient to manage the cumulative impact from waste.	**Material & Waste Management:** Not Significant.
		Archaeology & Cultural Heritage: No predicted cumulative impacts due to distance of development from proposed project.	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No predicted cumulative impacts due to distance of development from proposed project.	**Architectural Heritage:** Not applicable	**Architectural Heritage:** None
		Landscape & Visual: No predicted cumulative impacts due to distance of development from proposed project.	**Landscape & Visual:** Not applicable	**Landscape & Visual:** None
310350	Puddenhill Property Limited. Strategic Housing Development. 590 apartment units in four blocks. Charlestown, Finglas	**Traffic & Transport:** Slight Negative during Construction Phases due to close proximity to junction for Huntstown Quarry	**Traffic & Transport:** Charlestown Place development should consider alternative HGV routing to access network	**Traffic & Transport:** Slight and Negative
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: Given the distance of this development from the proposed Project, no further significant cumulative impacts will occur with respect to population during construction of this development.	**Population & Land-Use:** Not applicable	**Population & Land-Use:** Not Significant
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development.	**Electromagnetic Interference:** Not applicable	**Electromagnetic Interference:** Imperceptible
		Airborne Noise & Vibration: Development set back from closest surface works associated with the proposed Project by considerable distance with no potential for cumulative noise or vibration impacts. No operational cumulative impacts predicted due to distance and underground rail line	**Airborne Noise & Vibration:** Not applicable	**Airborne Noise & Vibration:** None

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable	**Groundborne Noise & Vibration:** None
		Biodiversity Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss arising from extreme habitat degradation.	**Biodiversity**: Mitigation proposed in this EIAR and in Appendix A5.1 (outline CEMP) to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events.	**Biodiversity:** Not Significant
		Air Quality: Due to the distance from dust generating sites (>500m) associated with the proposed Project there is no likely significant cumulative dust impact. Due to the proposed developments location there is not a likely significant cumulative impact during the Operational Phase due to traffic emissions. Potential increase in traffic emissions in the local area during the Construction Phase if both projects were under construction at the same time. However, impacts are unlikely to be significant.	**Air Quality:** Traffic and transport mitigation measures during construction to reduce impact on air quality.	**Air Quality:** No likely significant Construction or Operational Phase cumulative impacts.
		Climate: No significant cumulative impacts will occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase	**Climate:** Not applicable	**Climate:** No significant cumulative impacts will occur with respect to climate during construction of this development.
		Hydrology: No significant cumulative impacts. Potential for cumulative impact on nearby drainage channels and connection with the Bachelor's Stream to the south and Tolka River farther to the south for example, due to accidental pollution event during the construction and/or operation of this development and hence potential impact on downstream habitats including Dublin Bay. Potential for cumulative impact due to removal of any contaminated soils on both developments	**Hydrology:** Mitigation proposed to protect surface water quality at identified receiving watercourses including the Bachelor's Stream and Tolka River during construction and operation of the proposed Project, will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) and Appendix A5.1 (outline CEMP) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Identification of suitable disposal licenced sites for potentially contaminated soil.	**Hydrology:** Not Significant/ Imperceptible
		Hydrogeology: No significant cumulative impacts. However, potential for cumulative impact due to accidental pollution/ discharge to ground event during the construction and/or operation of this development on Bachelor's Stream/ Tolka River and where groundwater discharges to nearby surface water features and hence potential impact on downstream habitats (Dublin Bay). Short-term dewatering effects possible for lower-level/ basement construction works. Potential for local reduction in recharge to ground Potential for cumulative impact due to removal of any contaminated soils on both developments.	**Hydrogeology:** Mitigation proposed to protect local groundwater within development boundaries as well as surface water quality at nearby watercourses to same, during construction and operation of the proposed Project, will prevent groundwater and surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) and Appendix A5.1 (outline CEMP) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Recharge to ground where feasible as part of SuDS. Identification of suitable disposal licenced sites including for potentially contaminated soil.	**Hydrogeology:** Not Significant/ Imperceptible
		Soils & Geology: Cumulative impacts relating to soils and geology unlikely given distance from proposed Project, setting and nature of development	**Soils & Geology:** Not applicable	**Soils & Geology:** Negligible
		Land Take: None. The development is outside of the proposed Project land take boundaries.	**Land Take:** Not applicable	**Land Take:** None
		Infrastructure & Utilities: Given the relatively close distance of the development subject to this planning application from the proposed Northwood Station (approximately 1.3km) and the scale of the development (590 no. apartments and associated site works) there is potential for cumulative impacts should the construction periods overlap.	**Infrastructure & Utilities:** All utility diversions and new connections will be agreed with the relevant service providers. Designs for utility diversions have already been agreed in principle with the relevant utility providers and design refinement will be subject to further consultation. The duration of any service outage will be finalised with the relevant utility providers.	**Infrastructure & Utilities:** Not Significant
		Agronomy: No predicted cumulative impacts due to distance of development from proposed project.	**Agronomy:** Not applicable	**Agronomy:** None
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: No predicted cumulative impacts due to distance of development from proposed project.	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No predicted cumulative impacts due to distance of development from proposed project.	**Architectural Heritage:** Not applicable	**Architectural Heritage:** None
		Landscape & Visual: Development considered too far from the proposed Project to create any likelihood of cumulative impacts.	**Landscape & Visual:** Not applicable	**Landscape & Visual:** None

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
310398	Ardstone Homes Strategic Housing Development 114 Build to Rent apartments over six blocks. Stocking Avenue, Dublin 16	**Traffic & Transport:** Not Significant	**Traffic & Transport:** Not applicable	**Traffic & Transport:** Not Significant
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: Given the distance of this development from the proposed Project, no further significant cumulative impacts will occur with respect to population during construction of this development.	**Population & Land-Use:** Not applicable	**Population & Land-Use:** Not Significant
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development.	**Electromagnetic Interference:** Not applicable	**Electromagnetic Interference:** Imperceptible
		Airborne Noise & Vibration: Development set back from closest surface works associated with the proposed Project by considerable distance with no potential for cumulative noise or vibration impacts. No operational cumulative impacts predicted due to distance and underground rail line	**Airborne Noise & Vibration:** Not applicable	**Airborne Noise & Vibration:** None
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site.	**Groundborne Noise & Vibration:** Not applicable	**Groundborne Noise & Vibration:** None
		Biodiversity Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss arising from extreme habitat degradation.	**Biodiversity**: Mitigation proposed in this EIAR and in Appendix A5.1 (outline CEMP) to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events.	**Biodiversity:** Not Significant
		Air Quality: Due to the distance from dust generating sites (>500m) associated with the proposed Project there is no likely significant cumulative dust impact. Due to the proposed developments location there is not a likely significant cumulative impact during the Construction or Operational Phase due to traffic emissions.	**Air Quality:** Not applicable	**Air Quality:** No likely significant Construction or Operational Phase cumulative impacts.
		Climate: No significant cumulative impacts will occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase	**Climate:** Not applicable	**Climate:** No significant cumulative impacts will occur with respect to climate during construction of this development.
		Hydrology: No significant cumulative impacts. Potential for cumulative impact on nearby drainage channels and connection with the Owenadoher watercourse to the east/southeast (and the River Dodder farther to the north east) for example, due to accidental pollution event during the construction and/or operation of this development and hence potential impact on downstream habitats of importance. Potential for cumulative impact due to removal of any [contaminated/ other] soils on both developments.	**Hydrology:** Mitigation proposed to protect surface water quality at identified receiving watercourses including the Owenadoher watercourse to the east/southeast (and the River Dodder farther to the north east) during construction and operation of the proposed Project, will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) and Appendix A5.1 (outline CEMP) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Identification of suitable disposal licenced sites for all soil types.	**Hydrology:** Not Significant/ Imperceptible
		Hydrogeology: No significant cumulative impacts. However, potential for cumulative impact due to accidental pollution/ discharge to ground event during the construction and/or operation of this development on the Owenadoher watercourse to the east/southeast (and the River Dodder farther to the northeast) and where groundwater potentially discharges to nearby surface water features and hence potential impact on downstream habitats as identified. Short-term dewatering effects possible for lower-level construction/ basements. Potential for local reduction in recharge to ground Potential for cumulative impact due to removal of any contaminated/ other soils on both developments.	**Hydrogeology:** Mitigation proposed to protect local groundwater within development boundaries as well as surface water quality at nearby watercourses to same, during construction and operation of the proposed Project, will prevent groundwater and surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) and Appendix A5.1 (outline CEMP) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. Recharge to ground where feasible as part of SuDS. Identification of suitable disposal licenced sites including for potentially contaminated soil.	**Hydrogeology:** Not Significant/ Imperceptible
		Soils & Geology: Cumulative impacts relating to soils and geology unlikely given distance from proposed Project, setting and nature of development.	**Soils & Geology:** Not applicable	**Soils & Geology:** Negligible
		Land Take: None. The development is outside of the proposed Project land take boundaries.	**Land Take:** Not applicable	**Land Take:** None
		Infrastructure & Utilities: None. Sufficient separation (> 6km) to avoid cumulative impacts, even if construction periods overlap.	**Infrastructure & Utilities:** Not applicable	**Infrastructure & Utilities:** None

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Agronomy: No predicted cumulative impacts due to distance of development from proposed project.	**Agronomy:** Not applicable	**Agronomy:** None
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: No predicted cumulative impacts due to distance of development from proposed project.	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No predicted cumulative impacts due to distance of development from proposed project.	**Architectural Heritage:** Not applicable	**Architectural Heritage:** None
		Landscape & Visual: No predicted cumulative impacts due to distance of development from proposed project.	**Landscape & Visual:** Not applicable	**Landscape & Visual:** None
311190	1 Players land limited. 244 no. Build to Rent apartments and associated site works. Three blocks ranging in height up to nine storeys Site at Cross Avenue, Blackrock, Co. Dublin.	**Traffic & Transport:** No predicted cumulative impacts due to distance of development from proposed project.	**Traffic & Transport:** Not applicable.	**Traffic & Transport:** Not Significant.
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: No predicted cumulative impacts due to distance of development from proposed project.	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** None.
		Electromagnetic Interference: No predicted cumulative impacts due to distance of development from proposed project.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** None.
		Airborne Noise & Vibration: Development set back from closest surface works associated with the proposed Project by considerable distance with no potential for cumulative noise or vibration impacts. No operational cumulative impacts predicted due to distance and underground rail line	**Airborne Noise & Vibration:** Not applicable	**Airborne Noise & Vibration:** None
		Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity: Potential for cumulative effects on downstream habitats arising from accidental pollution events during the construction or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss arising from extreme habitat degradation.	**Biodiversity**: Mitigation proposed in the EIAR and in the outline CEMP (Appendix A5.1) to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events.	**Biodiversity:** Not significant
		Climate: No significant cumulative impacts will occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase	**Climate:** Not applicable	**Climate:** Not Significant
		Air Quality: Due to distance from development there is no potential for significant impacts.	**Air Quality:** Not applicable.	**Air Quality:** None.
		Hydrology: No significant cumulative impacts. However, potential for cumulative impact due to removal of any contaminated soils on both developments. Application site is near stormwater/Priory Stream watercourse feeding into Dublin Bay SAC.	**Hydrology:** Construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) and Chapter 20 (Soils & Geology) of the EIAR and outline CEMP (Appendix A5.1) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. In addition, specific mitigation measures will apply to the proposed development site. Identification of suitable disposal licenced sites for potentially contaminated soil.	**Hydrology:** Imperceptible.
		Hydrogeology: No significant cumulative impacts. However, potential for cumulative impact due to accidental pollution/discharge to ground event during the construction and/or operation of this development on Priory Stream to the south (and where groundwater potentially discharges to nearby surface water features) and hence potential impact on downstream habitats as identified. Short-term dewatering effects possible for lower-level construction/basements. Potential for local reduction in recharge to ground.	**Hydrogeology:** Mitigation proposed to protect local groundwater within development boundaries as well as surface water quality at nearby watercourses to same, during construction and operation of the proposed Project, will prevent groundwater and surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) and outline CEMP (Appendix A5.1) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. In addition, specific mitigation measures will apply to the proposed development site.	**Hydrogeology:** Imperceptible.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Potential for cumulative impact due to removal of any contaminated/other soils at the development.	Recharge to ground where feasible as part of SuDS. Identification of suitable disposal licenced sites including for potentially contaminated soil.	
		Soils & Geology: Development considered too far from the proposed Project to create any likelihood of cumulative impacts.	**Soils & Geology:** Not applicable.	**Soils & Geology:** Imperceptible.
		Land Take: None. The project is outside of the proposed Project permanent and temporary land-take boundaries.	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: Given the distance of this development from the proposed Project no cumulative effects are predicted to occur with respect to infrastructure and utilities during construction or operation of this project.	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** None.
		Agronomy: No predicted cumulative impacts due to distance of development from proposed project.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: No predicted cumulative impacts due to distance of development from proposed project.	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No predicted cumulative impacts due to distance of development from proposed project.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: No predicted cumulative impacts due to distance of development from proposed project.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** None.
312170 Formerly 308157	1 Wyckham Land Limited. Strategic Housing Development for 628 no. residential units in five blocks, residential amenities, a creche and all associated site development works. Marmalade Lane, Gort Mhuire, Dundrum, Dublin 16,	**Traffic & Transport:** No predicted cumulative impacts due to distance of development from proposed project.	**Traffic & Transport:** Not applicable.	**Traffic & Transport: Not Significant.**
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: No predicted cumulative impacts due to distance of development from proposed project.	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** None.
		Electromagnetic Interference: No predicted cumulative impacts due to distance of development from proposed project.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** None.
		Airborne Noise & Vibration: Development set back from closest surface works associated with the proposed Project by considerable distance with no potential for cumulative noise or vibration impacts. No operational cumulative impacts predicted due to distance and underground rail line	**Airborne Noise & Vibration:** Not applicable	**Airborne Noise & Vibration:** None
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site.	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity: Potential for cumulative effects on downstream habitats arising from accidental pollution events during the construction or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss arising from extreme habitat degradation.	**Biodiversity**: Mitigation proposed in the EIAR and in the outline CEMP (Appendix A5.1) to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events.	**Biodiversity:** Not significant
		Climate: No significant cumulative impacts will occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase	**Climate:** Not applicable	**Climate:** Not Significant
		Air Quality: Due to distance from development there is no potential for significant impacts	**Air Quality:** Not applicable.	**Air Quality:** None.
		Hydrology: No significant cumulative impacts. However, potential for cumulative impact due to removal of any contaminated soils on both developments. Application site is near stormwater/Slang Stream watercourse feeding into the River Dodder.	**Hydrology:** Construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) and Chapter 20 (Soils & Geology) of the EIAR and outline CEMP (Appendix A5.1) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. In addition, specific mitigation measures	**Hydrology:** Imperceptible.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
			will apply to the proposed development site. Identification of suitable disposal licenced sites for potentially contaminated soil.	
		Hydrogeology: No significant cumulative impacts. However, potential for cumulative impact due to accidental pollution/discharge to ground event during the construction and/or operation of this development on Slang Stream to the west/north (and where groundwater potentially discharges to nearby surface water features) and hence potential impact on downstream habitats as identified. Short-term dewatering effects possible for lower-level construction/basements. Potential for local reduction in recharge to ground. Potential for cumulative impact due to removal of any contaminated/other soils at the development.	**Hydrogeology:** Mitigation proposed to protect local groundwater within development boundaries as well as surface water quality at nearby watercourses to same, during construction and operation of the proposed Project, will prevent groundwater and surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) and outline CEMP (Appendix A5.1) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. In addition, specific mitigation measures will apply to the proposed development site. Recharge to ground where feasible as part of SuDS. Identification of suitable disposal licenced sites including for potentially contaminated soil.	**Hydrogeology:** Imperceptible.
		Soils & Geology: Development considered too far from the proposed Project to create any likelihood of cumulative impacts.	**Soils & Geology:** Not applicable.	**Soils & Geology:** Imperceptible.
		Land Take: None. The project is outside of the proposed Project permanent and temporary land-take boundaries.	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: Given the distance of this development from the proposed Project no cumulative effects are predicted to occur with respect to infrastructure and utilities during construction or operation of this project.	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** None.
		Agronomy: No predicted cumulative impacts due to distance of development from proposed project.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: No predicted cumulative impacts due to distance of development from proposed project.	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No predicted cumulative impacts due to distance of development from proposed project.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: No predicted cumulative impacts due to distance of development from proposed project.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** None.
309658	AAI Walkinstown Limited. Demolition of existing buildings, construction of 171 no. apartments, creche across two blocks and associated site works. Former CHM Premises, Ballymount Road Lower, Walkinstown, Dublin 12.	**Traffic & Transport:** No significant cumulative impact predicted	**Traffic & Transport:** Not applicable.	**Traffic & Transport:** Not Significant.
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: Given the distance of this development from the proposed Project, no significant cumulative effects on population and landuse are identified.	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** None.
		Electromagnetic Interference: No predicted cumulative impacts due to distance of development from proposed project.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** None.
		Airborne Noise & Vibration: Development set back from closest surface works associated with the proposed Project by considerable distance with no potential for cumulative noise or vibration impacts. No operational cumulative impacts predicted due to distance and underground rail line	**Airborne Noise & Vibration:** Not applicable	**Airborne Noise & Vibration:** None
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity: Potential for cumulative effects on downstream habitats arising from accidental pollution events during the construction or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss arising from extreme habitat degradation.	**Biodiversity**: Mitigation proposed in the EIAR and in the outline CEMP (Appendix A5.1) to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events.	**Biodiversity:** Not significant
		Climate: No significant cumulative impacts will occur with respect to climate during construction of this development.	**Climate:** Not applicable	**Climate:** Not Significant

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase		
		Air Quality: Due to distance from development there is no potential for significant impacts.	**Air Quality:** Not applicable.	**Air Quality:** None.
		Hydrology: No significant cumulative impacts. However, potential for cumulative impact due to removal of any contaminated soils at the development. Application site is near stormwater/Robinhood Stream watercourse feeding into the Camac River.	**Hydrology:** Construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) and Chapter 20 (Soils & Geology) of the EIAR and outline CEMP (Appendix A5.1) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. In addition, specific mitigation measures will apply to the proposed development site. Identification of suitable disposal licenced sites for potentially contaminated soil.	**Hydrology:** Imperceptible.
		Hydrogeology: No significant cumulative impacts. However, potential for cumulative impact due to accidental pollution/discharge to ground event during the construction and/or operation of this development on Robinhood Stream to the north-west which receives industrial estate run-off (and where groundwater potentially discharges to nearby surface water features) and hence potential impact on downstream habitats as identified. Short-term dewatering effects possible for lower-level construction/basements. Potential for local reduction in recharge to ground. Potential for cumulative impact due to removal of any contaminated/other soils at the development.	**Hydrogeology:** Mitigation proposed to protect local groundwater within development boundaries as well as surface water quality at nearby watercourses to same, during construction and operation of the proposed Project, will prevent groundwater and surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) and outline CEMP (Appendix A5.1) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. In addition, specific mitigation measures will apply to the proposed development site. Recharge to ground where feasible as part of SuDS. Identification of suitable disposal licenced sites including for potentially contaminated soil.	**Hydrogeology:** Imperceptible.
		Soils & Geology: Development considered too far from the proposed Project to create any likelihood of cumulative impacts.	**Soils & Geology:** Not applicable.	**Soils & Geology:** Imperceptible.
		Land Take: None. The project is outside of the proposed Project permanent and temporary land-take boundaries.	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: Given the distance of this development from the proposed Project no cumulative effects are predicted to occur with respect to infrastructure and utilities during construction or operation of this project.	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** None.
		Agronomy: No predicted cumulative impacts due to distance of development from proposed project.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: No predicted cumulative impacts due to distance of development from proposed project.	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No predicted cumulative impacts due to distance of development from proposed project.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: No predicted cumulative impacts due to distance of development from proposed project.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** None.
310077	Balgriffin Park Limited. 260 no. apartments across two blocks and associated site works. Site at Belmayne P4. The corner of Churchwell Road and Churchwell Crescent, Belmayne, Dublin 13.	**Traffic & Transport:** No significant cumulative impact predicted	**Traffic & Transport:** Not applicable.	**Traffic & Transport:** Not Significant.
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: Given the distance of this development from the proposed Project, no significant cumulative effects on population and landuse are identified.	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** None.
		Electromagnetic Interference: No predicted cumulative impacts due to distance of development from proposed project.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** None.
		Airborne Noise & Vibration: Development set back from closest surface works associated with the proposed Project by considerable distance with no potential for cumulative noise or vibration impacts.	**Airborne Noise & Vibration:** Not applicable	**Airborne Noise & Vibration:** None

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		No operational cumulative impacts predicted due to distance and underground rail line		
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity: Potential for in-combination effects on downstream habitats arising from accidental pollution events during the construction and/or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss from extreme habitat degradation. Should the Construction Phases overlap there is potential for in-combination disturbance on fauna resulting in displacement from the locality. Increased disturbance effects arising from the operational stages may act cumulatively to permanently displace fauna from the locality. Potential for in-combination effects on habitats and species as a result of direct habitat loss arising from the construction of the proposed Project.	**Biodiversity:** Mitigation proposed in proposed Chapter 15 (Biodiversity) and Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events. Mitigation proposed in Chapter 15 (Biodiversity) to reduce disturbance impacts on fauna species during the Construction Phase of the proposed Project will mitigate potential cumulative impacts on fauna species. Mitigation proposed in Chapter 15 (Biodiversity) to minimise habitat loss and retain vegetation during the Construction Phase of the proposed Project will mitigate potential cumulative impacts on habitats and species. Nonetheless, the effects of habitat loss will remain significant at the local geographic scale for the habitats depositing / lowland rivers (FW2), drainage ditches (FW4), species-rich dry calcareous grassland (GS1), wet grassland (GS4), (mixed) broadleaved woodland (WD1), mixed conifer woodland (WD3), scattered trees and parkland (WD5), hedgerows (WL1), treelines (WL2) and immature woodland (WS2), and for the breeding bird species yellowhammer.	**Biodiversity:** Surface water: Not Significant. Disturbance: Not significant Habitat loss: Significant at the local geographic scale and permanent.
		Climate: No significant cumulative impacts will occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase	**Climate:** Not applicable	**Climate:** Not Significant
		Air Quality: Due to distance from development there is no potential for significant impacts	**Air Quality:** Not applicable.	**Air Quality:** None.
		Hydrology: No significant cumulative impacts. However, potential for cumulative impact on nearby drainage channels and connection with the River Mayne to the north for example, due to accidental pollution event during the construction and/or operation of this development and hence potential impact on downstream habitats including Baldoyle Estuary Nature Reserve. Potential for cumulative impact due to removal of any contaminated soils at the development.	**Hydrology:** Construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) and Chapter 20 (Soils & Geology) of the EIAR and outline CEMP (Appendix A5.1) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. In addition, specific mitigation measures will apply to the proposed development site. Identification of suitable disposal licenced sites for potentially contaminated soil.	**Hydrology:** Imperceptible.
		Hydrogeology: No significant cumulative impacts envisaged however potential for cumulative impact due to removal of any contaminated soils at the development site. Short-term dewatering effects possible for basement extension construction/lower level foundation works. Potential for local reduction in recharge to ground.	**Hydrogeology:** Construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) and Chapter 20 (Soils & Geology) of the EIAR and outline CEMP (Appendix A5.1)with due cognisance of the hydraulic connectivity potential with shallow bedrock in the area as well as with downstream sensitive ecological habitats. In addition, specific mitigation measures will apply to the proposed development site. Identification of suitable disposal licenced sites for potentially contaminated soil. Recharge to ground where feasible as part of SuDS.	**Hydrogeology:** Imperceptible.
		Soils & Geology: Development considered too far from the proposed Project to create any likelihood of cumulative impacts.	**Soils & Geology:** Not applicable.	**Soils & Geology:** Imperceptible.
		Land Take: None. The project is outside of the proposed Project permanent and temporary land-take boundaries.	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: Given the distance of this development from the proposed Project no cumulative effects are predicted to occur with respect to infrastructure and utilities during construction or operation of this project.	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** None.
		Agronomy: No predicted cumulative impacts due to distance of development from proposed project.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Archaeology & Cultural Heritage: No predicted cumulative impacts due to distance of development from proposed project.	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No predicted cumulative impacts due to distance of development from proposed project.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: No predicted cumulative impacts due to distance of development from proposed project.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** None.
310578	Ballycullen Limited Partnership Strategic Housing Development for 329 no. residential units, a creche and all associated site development works. The site is located in the townland of Woodtown, Ballycullen, Dublin 16.	**Traffic & Transport:** No significant cumulative impact predicted	**Traffic & Transport:** Not applicable.	**Traffic & Transport: Not Significant.**
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: No predicted cumulative impacts due to distance of development from proposed project.	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** None.
		Electromagnetic Interference: No predicted cumulative impacts due to distance of development from proposed project.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** None.
		Airborne Noise & Vibration: Development set back from closest surface works associated with the proposed Project by considerable distance with no potential for cumulative noise or vibration impacts. No operational cumulative impacts predicted due to distance and underground rail line	**Airborne Noise & Vibration:** Not applicable	**Airborne Noise & Vibration:** None
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity: Potential for cumulative effects on downstream habitats arising from accidental pollution events during the construction or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss arising from extreme habitat degradation.	**Biodiversity**: Mitigation proposed in the EIAR and in the outline CEMP (Appendix A5.1) to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events.	**Biodiversity:** Not significant
		Climate: No significant cumulative impacts will occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase	**Climate:** Not applicable	**Climate:** Not Significant
		Air Quality: Due to distance from development there is no potential for significant impacts	**Air Quality:** Not applicable.	**Air Quality:** None.
		Hydrology: No significant cumulative impacts. However, potential for cumulative impact due to removal of any contaminated soils at the development. Application site is near stormwater/Owenadoher watercourse/tributaries feeding into the Dodder River.	**Hydrology:** Construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) and Chapter 20 (Soils & Geology) of the EIAR and outline CEMP (Appendix A5.1) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. In addition, specific mitigation measures will apply to the proposed development site. Identification of suitable disposal licenced sites for any potentially contaminated soil.	**Hydrology:** Imperceptible.
		Hydrogeology: No significant cumulative impacts. However, potential for cumulative impact due to accidental pollution/discharge to ground event during the construction and/or operation of this development on Owenadoher watercourse to the east (and where groundwater potentially discharges to nearby surface water features) and hence potential impact on downstream habitats as identified. Potential for local reduction in recharge to ground. Potential for cumulative impact due to removal of any contaminated/other soils at the development.	**Hydrogeology:** Mitigation proposed to protect local groundwater within development boundaries as well as surface water quality at nearby watercourses to same, during construction and operation of the proposed Project, will prevent groundwater and surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) and outline CEMP (Appendix A5.1) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. In addition, specific mitigation measures will apply to the proposed development site. Recharge to ground where feasible as part of SuDS. Identification of suitable disposal licenced sites including for potentially contaminated soil.	**Hydrogeology:** Imperceptible.
		Soils & Geology: Development considered too far from the proposed Project to create any likelihood of cumulative impacts.	**Soils & Geology:** Not applicable.	**Soils & Geology:** Imperceptible.
		Land Take: None. The project is outside of the proposed Project permanent and temporary land-take boundaries.	**Land Take:** Not applicable.	**Land Take:** None.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Infrastructure & Utilities: Given the distance of this development from the proposed Project no cumulative effects are predicted to occur with respect to infrastructure and utilities during construction or operation of this project.	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** None.
		Agronomy: No predicted cumulative impacts due to distance of development from proposed project.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: No predicted cumulative impacts due to distance of development from proposed project.	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No predicted cumulative impacts due to distance of development from proposed project.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: No predicted cumulative impacts due to distance of development from proposed project.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** None.
310944	Belwall Limited. 413 no. apartments, creche and associated site works. no. apartment blocks (Blocks A-D) ranging from 5 storeys to 7 storeys in height. Saint Columbans and No. 25 Hole in the Wall Road, Donaghmede, Dublin 13.	**Traffic & Transport:** No significant cumulative impact predicted	**Traffic & Transport:** Not applicable.	**Traffic & Transport: Not Significant.**
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: No predicted cumulative impacts due to distance of development from proposed project.	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** None.
		Electromagnetic Interference: No predicted cumulative impacts due to distance of development from proposed project.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** None.
		Airborne Noise & Vibration: Development set back from closest surface works associated with the proposed Project by considerable distance with no potential for cumulative noise or vibration impacts. No operational cumulative impacts predicted due to distance and underground rail line	**Airborne Noise & Vibration:** Not applicable	**Airborne Noise & Vibration:** None
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity: Potential for in-combination effects on downstream habitats arising from accidental pollution events during the construction and/or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss from extreme habitat degradation. Should the Construction Phases overlap there is potential for in-combination disturbance on fauna resulting in displacement from the locality. Increased disturbance effects arising from the operational stages may act cumulatively to permanently displace fauna from the locality. Potential for in-combination effects on habitats and species as a result of direct habitat loss arising from the construction of the proposed Project.	**Biodiversity:** Mitigation proposed in proposed Chapter 15 (Biodiversity) and Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events. Mitigation proposed in Chapter 15 (Biodiversity) to reduce disturbance impacts on fauna species during the Construction Phase of the proposed Project will mitigate potential cumulative impacts on fauna species. Mitigation proposed in Chapter 15 (Biodiversity) to minimise habitat loss and retain vegetation during the Construction Phase of the proposed Project will mitigate potential cumulative impacts on habitats and species. Nonetheless, the effects of habitat loss will remain significant at the local geographic scale for the habitats depositing / lowland rivers (FW2), drainage ditches (FW4), species-rich dry calcareous grassland (GS1), wet grassland (GS4), (mixed) broadleaved woodland (WD1), mixed conifer woodland (WD3), scattered trees and parkland (WD5), hedgerows (WL1), treelines (WL2) and immature woodland (WS2), and for the breeding bird species yellowhammer.	**Biodiversity:** Surface water: Not Significant. Disturbance: Not significant Habitat loss: Significant at the local geographic scale and permanent.
		Climate: No significant cumulative impacts will occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase	**Climate:** Not applicable	**Climate:** Not Significant
		Air Quality: Due to distance from development there is no potential for significant impacts	**Air Quality:** Not applicable.	**Air Quality:** None.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Hydrology: No significant cumulative impacts. However, potential for cumulative impact on nearby drainage channels and connection with the River Mayne to the north for example, due to accidental pollution event during the construction and/or operation of this development and hence potential impact on downstream habitats including Baldoyle Estuary Nature Reserve. Potential for cumulative impact due to removal of any contaminated soils at the development.	**Hydrology:** Construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) and Chapter 20 (Soils & Geology) of the EIAR and outline CEMP (Appendix A5.1) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. In addition, specific mitigation measures will apply to the proposed development site. Identification of suitable disposal licenced sites for potentially contaminated soil.	**Hydrology:** Imperceptible.
		Hydrogeology: No significant cumulative impacts envisaged however potential for cumulative impact due to removal of any contaminated soils at the development site. Short-term dewatering effects possible for basement extension construction/lower level foundation works. Potential for local reduction in recharge to ground.	**Hydrogeology:** Construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) and Chapter 20 (Soils & Geology) of the EIAR and outline CEMP (Appendix A5.1)with due cognisance of the hydraulic connectivity potential with shallow bedrock in the area as well as with downstream sensitive ecological habitats. In addition, specific mitigation measures will apply to the proposed development site. Identification of suitable disposal licenced sites for potentially contaminated soil. Recharge to ground where feasible as part of SuDS.	**Hydrogeology:** Imperceptible.
		Soils & Geology: Development considered too far from the proposed Project to create any likelihood of cumulative impacts.	**Soils & Geology:** Not applicable.	**Soils & Geology:** Imperceptible.
		Land Take: None. The project is outside of the proposed Project permanent and temporary land-take boundaries.	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: Given the distance of this development from the proposed Project no cumulative effects are predicted to occur with respect to infrastructure and utilities during construction or operation of this project.	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** None.
		Agronomy: No predicted cumulative impacts due to distance of development from proposed project.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: No predicted cumulative impacts due to distance of development from proposed project.	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No predicted cumulative impacts due to distance of development from proposed project.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: No predicted cumulative impacts due to distance of development from proposed project.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** None.
312003	Cairn Homes Properties Limited. Removal of the existing backfilled basement & construction of Strategic Housing Development consisting of 730 no. residential units, in five blocks (including five apartment blocks and two duplex blocks). Site at Parkside 5B, Parkside, Dublin 13.	**Traffic & Transport:** No significant cumulative impact predicted	**Traffic & Transport:** Not applicable.	**Traffic & Transport: Not Significant.**
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: No predicted cumulative impacts due to distance of development from proposed project.	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** None.
		Electromagnetic Interference: No predicted cumulative impacts due to distance of development from proposed project.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** None.
		Airborne Noise & Vibration: Development set back from closest surface works associated with the proposed Project by considerable distance with no potential for cumulative noise or vibration impacts. No operational cumulative impacts predicted due to distance and underground rail line	**Airborne Noise & Vibration:** Not applicable	**Airborne Noise & Vibration:** None
		Groundborne Noise & Vibration: Sources of groundborne noise at the development site would not have significant effects outside the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity: Potential for cumulative effects on downstream habitats arising from accidental pollution events during the construction or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss arising from extreme habitat degradation.	**Biodiversity**: Mitigation proposed in the EIAR and in the outline CEMP (Appendix A5.1) to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events.	**Biodiversity:** Not significant

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Should the Construction Phases overlap there is potential for cumulative disturbance on fauna resulting in displacement from the locality	Mitigation proposed in this EIAR to reduce disturbance impacts on fauna species during construction and operation of the proposed Project will mitigate potential cumulative impacts on fauna species.	
		Climate: No significant cumulative impacts will occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase	**Climate:** Not applicable	**Climate:** Not Significant
		Air Quality: Due to distance from development there is no potential for significant impacts	**Air Quality:** Not applicable.	**Air Quality:** None.
		Hydrology: No significant cumulative impacts. However, potential for cumulative impact on nearby drainage channels and connection with the River Mayne to the north for example, due to accidental pollution event during the construction and/or operation of this development and hence potential impact on downstream habitats including Baldoyle Estuary Nature Reserve. Potential for cumulative impact due to removal of any contaminated soils at the development.	**Hydrology:** Construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) and Chapter 20 (Soils & Geology) of the EIAR and outline CEMP (Appendix A5.1) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. In addition, specific mitigation measures will apply to the proposed development site. Identification of suitable disposal licenced sites for potentially contaminated soil.	**Hydrology:** Imperceptible.
		Hydrogeology: No significant cumulative impacts envisaged however potential for cumulative impact due to removal of any contaminated soils at the development site including at existing backfilled basement. Short-term dewatering effects possible for basement extension construction/lower level foundation works. Potential for local reduction in recharge to ground.	**Hydrogeology:** Construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) and Chapter 20 (Soils & Geology) of the EIAR and outline CEMP (Appendix A5.1)with due cognisance of the hydraulic connectivity potential with shallow bedrock in the area as well as with downstream sensitive ecological habitats. In addition, specific mitigation measures will apply to the proposed development site. Identification of suitable disposal licenced sites for potentially contaminated soil. Recharge to ground where feasible as part of SuDS.	**Hydrogeology:** Imperceptible.
		Soils & Geology: Development considered too far from the proposed Project to create any likelihood of cumulative impacts.	**Soils & Geology:** Not applicable.	**Soils & Geology:** Imperceptible.
		Land Take: None. The project is outside of the proposed Project permanent and temporary land-take boundaries.	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: Given the distance of this development from the proposed Project no cumulative effects are predicted to occur with respect to infrastructure and utilities during construction or operation of this project.	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** None.
		Agronomy: No predicted cumulative impacts due to distance of development from proposed project.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: No predicted cumulative impacts due to distance of development from proposed project.	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No predicted cumulative impacts due to distance of development from proposed project.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: No predicted cumulative impacts due to distance of development from proposed project.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** None.
310570	Cairn Homes Properties Limited Strategic Housing Development consisting of 421 no. residential units, retail/office/commercial units, residential amenity areas, in 9 no. blocks, with open spaces, accesses, substations, plant, car parking, landscaping and all associated works. Site at Cooldown Commons and Fortunestown, Citywest, Dublin 24 (on lands located north of the Luas red line and Fortunestown Luas stop)	**Traffic & Transport:** No significant cumulative impact predicted	**Traffic & Transport:** Not applicable.	**Traffic & Transport: Not Significant.**
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: No predicted cumulative impacts due to distance of development from proposed project.	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** None.
		Electromagnetic Interference: No predicted cumulative impacts due to distance of development from proposed project.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** None.
		Airborne Noise & Vibration: Development set back from closest surface works associated with the proposed Project by considerable distance with no potential for cumulative noise or vibration impacts.	**Airborne Noise & Vibration:** Not applicable	**Airborne Noise & Vibration:** None

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		No operational cumulative impacts predicted due to distance and underground rail line		
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity: Potential for cumulative effects on downstream habitats arising from accidental pollution events during the construction or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss arising from extreme habitat degradation.	**Biodiversity**: Mitigation proposed in the EIAR and in the outline CEMP (Appendix A5.1) to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events.	**Biodiversity:** Not significant
		Climate: No significant cumulative impacts will occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase	**Climate:** Not applicable	**Climate:** Not Significant
		Air Quality: Due to distance from development there is no potential for significant impacts	**Air Quality:** Not applicable.	**Air Quality:** None.
		Hydrology: No significant cumulative impacts. However, potential for cumulative impact due to removal of any contaminated soils at the development. Application site is near stormwater/Baldonnell Upper watercourse.	**Hydrology:** Construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) and Chapter 20 (Soils & Geology) of the EIAR and outline CEMP (Appendix A5.1) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. In addition, specific mitigation measures will apply to the proposed development site. Identification of suitable disposal licenced sites for any potentially contaminated soil.	**Hydrology:** Not significant/Imperceptible.
		Hydrogeology: No significant cumulative impacts. However, potential for cumulative impact due to accidental pollution/discharge to ground event during the construction and/or operation of this development on Baldonnell Upper watercourse (and where groundwater potentially discharges to nearby surface water features) and hence potential impact on downstream habitats as identified. Short-term dewatering effects possible for lower-level construction/basements. Potential for local reduction in recharge to ground. Potential for cumulative impact due to removal of any contaminated/other soils at the development.	**Hydrogeology:** Mitigation proposed to protect local groundwater within development boundaries as well as surface water quality at nearby watercourses to same, during construction and operation of the proposed Project, will prevent groundwater and surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) and outline CEMP (Appendix A5.1) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. In addition, specific mitigation measures will apply to the proposed development site. Recharge to ground where feasible as part of SuDS. Identification of suitable disposal licenced sites including for potentially contaminated soil.	**Hydrogeology:** Imperceptible.
		Soils & Geology: Development considered too far from the proposed Project to create any likelihood of cumulative impacts.	**Soils & Geology:** Not applicable.	**Soils & Geology:** Imperceptible.
		Land Take: None. The project is outside of the proposed Project permanent and temporary land-take boundaries.	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: Given the distance of this development from the proposed Project no cumulative effects are predicted to occur with respect to infrastructure and utilities during construction or operation of this project.	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** None.
		Agronomy: No predicted cumulative impacts due to distance of development from proposed project.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: No predicted cumulative impacts due to distance of development from proposed project.	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No predicted cumulative impacts due to distance of development from proposed project.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: No predicted cumulative impacts due to distance of development from proposed project.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** None.
311329	Clonkeen Investments DAC. 299 no. apartments, creche and	**Traffic & Transport:** No significant cumulative impact predicted	**Traffic & Transport:** Not applicable.	**Traffic & Transport: Not Significant.**

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
	associated site works. Lands adjoining Clonkeen College, Clonkeen Road, Blackrock, Co. Dublin	**Human Health:** Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: Given the distance of this development from the proposed Project, no significant cumulative effects on population and landuse are identified.	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** None.
		Electromagnetic Interference: No predicted cumulative impacts due to distance of development from proposed project.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** None.
		Airborne Noise & Vibration: Development set back from closest surface works associated with the proposed Project by considerable distance with no potential for cumulative noise or vibration impacts. No operational cumulative impacts predicted due to distance and underground rail line	**Airborne Noise & Vibration:** Not applicable	**Airborne Noise & Vibration:** None
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity: Potential for in-combination effects on downstream habitats arising from accidental pollution events during the construction and/or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss from extreme habitat degradation. Potential for in-combination effects on habitats and species as a result of direct habitat loss arising from the construction of the proposed Project.	**Biodiversity:** Mitigation proposed in proposed Chapter 15 (Biodiversity) and Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events. Mitigation proposed in Chapter 15 (Biodiversity) to minimise habitat loss and retain vegetation during the Construction Phase of the proposed Project will mitigate potential cumulative impacts on habitats and species. Nonetheless, the effects of habitat loss will remain significant at the local geographic scale for the habitats depositing / lowland rivers (FW2), drainage ditches (FW4), species-rich dry calcareous grassland (GS1), wet grassland (GS4), (mixed) broadleaved woodland (WD1), mixed conifer woodland (WD3), scattered trees and parkland (WD5), hedgerows (WL1), treelines (WL2) and immature woodland (WS2), and for the breeding bird species yellowhammer.	**Biodiversity:** Surface water: Not Significant. Habitat loss: Significant at the local geographic scale and permanent.
		Climate: No significant cumulative impacts will occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase	**Climate:** Not applicable	**Climate:** Not Significant
		Air Quality: Due to distance from development there is no potential for significant impacts	**Air Quality:** Not applicable.	**Air Quality:** None.
		Hydrology: No significant cumulative impacts. However, potential for cumulative impact due to removal of any contaminated soils at the development. Application site is near stormwater/Kill O' The Grange watercourse.	**Hydrology:** Construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) and Chapter 20 (Soils & Geology) of the EIAR and outline CEMP (Appendix A5.1) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. In addition, specific mitigation measures will apply to the proposed development site. Identification of suitable disposal licenced sites for any potentially contaminated soil.	**Hydrology:** Imperceptible.
		Hydrogeology: No significant cumulative impacts. However, potential for cumulative impact due to accidental pollution/discharge to ground event during the construction and/or operation of this development on Kill O' The Grange watercourse (and where groundwater potentially discharges to nearby surface water features) and hence potential impact on downstream habitats as identified. Short-term dewatering effects possible for lower-level construction/basements. Potential for local reduction in recharge to ground. Potential for cumulative impact due to removal of any contaminated/other soils at the development.	**Hydrogeology:** Mitigation proposed to protect local groundwater within development boundaries as well as surface water quality at nearby watercourses to same, during construction and operation of the proposed Project, will prevent groundwater and surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) and outline CEMP (Appendix A5.1) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. In addition, specific mitigation measures will apply to the proposed development site. Recharge to ground where feasible as part of SuDS. Identification of suitable disposal licenced sites including for potentially contaminated soil.	**Hydrogeology:** Imperceptible.
		Soils & Geology: Development considered too far from the proposed Project to create any likelihood of cumulative impacts.	**Soils & Geology:** Not applicable.	**Soils & Geology:** Imperceptible.
		Land Take: None. The project is outside of the proposed Project permanent and temporary land-take boundaries.	**Land Take:** Not applicable.	**Land Take:** None.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Infrastructure & Utilities: Given the distance of this development from the proposed Project no cumulative effects are predicted to occur with respect to infrastructure and utilities during construction or operation of this project.	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** None.
		Agronomy: No predicted cumulative impacts due to distance of development from proposed project.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: No predicted cumulative impacts due to distance of development from proposed project.	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No predicted cumulative impacts due to distance of development from proposed project.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: No predicted cumulative impacts due to distance of development from proposed project.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** None.
312132	Cornel Living Limited. Construction of 419 no. 'Build to Rent' residential dwellings (412 no. apartment units across five blocks & seven no. houses), 1 no. childcare facility, 1 no. retail/cafe unit together with all associated site and development works. Site at Old Bray Road, Cornelscourt, Dublin 18	**Traffic & Transport:** No significant cumulative impact predicted	**Traffic & Transport:** Not applicable.	**Traffic & Transport: Not Significant.**
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: Given the distance of this development from the proposed Project, no significant cumulative effects on population and landuse are identified.	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** None.
		Electromagnetic Interference: No predicted cumulative impacts due to distance of development from proposed project.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** None.
		Airborne Noise & Vibration: Development set back from closest surface works associated with the proposed Project by considerable distance with no potential for cumulative noise or vibration impacts. No operational cumulative impacts predicted due to distance and underground rail line	**Airborne Noise & Vibration:** Not applicable	**Airborne Noise & Vibration:** None
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity: Potential for cumulative effects on downstream habitats arising from accidental pollution events during the construction or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss arising from extreme habitat degradation.	**Biodiversity**: Mitigation proposed in the EIAR and in the outline CEMP (Appendix A5.1) to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events.	**Biodiversity:** Not significant
		Climate: No significant cumulative impacts will occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase	**Climate:** Not applicable	**Climate:** Not Significant
		Air Quality: Due to distance from development there is no potential for significant impacts	**Air Quality:** Not applicable.	**Air Quality:** None.
		Hydrology: No significant cumulative impacts. However, potential for cumulative impact due to removal of any contaminated soils at the development. Application site is near stormwater/Cabinteely Stream.	**Hydrology:** Construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) and Chapter 20 (Soils & Geology) of the EIAR and outline CEMP (Appendix A5.1) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. In addition, specific mitigation measures will apply to the proposed development site. Identification of suitable disposal licenced sites for any potentially contaminated soil.	**Hydrology:** Imperceptible.
		Hydrogeology: No significant cumulative impacts. However, potential for cumulative impact due to accidental pollution/discharge to ground event during the construction and/or operation of this development on Cabinteely Stream watercourse (and where groundwater potentially discharges to nearby surface water features) and hence potential impact on downstream habitats as identified. Short-term dewatering effects possible for lower-level construction/basements. Potential for local reduction in recharge to ground.	**Hydrogeology:** Mitigation proposed to protect local groundwater within development boundaries as well as surface water quality at nearby watercourses to same, during construction and operation of the proposed Project, will prevent groundwater and surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) and outline CEMP (Appendix A5.1) with due cognisance of the hydraulic connectivity	**Hydrogeology:** Imperceptible.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Potential for cumulative impact due to removal of any contaminated/other soils at the development.	potential to downstream sensitive ecological habitats. In addition, specific mitigation measures will apply to the proposed development site. Recharge to ground where feasible as part of SuDS. Identification of suitable disposal licenced sites including for potentially contaminated soil.	
		Soils & Geology: Development considered too far from the proposed Project to create any likelihood of cumulative impacts.	**Soils & Geology:** Not applicable.	**Soils & Geology:** Imperceptible.
		Land Take: None. The project is outside of the proposed Project permanent and temporary land-take boundaries.	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: Given the distance of this development from the proposed Project no cumulative effects are predicted to occur with respect to infrastructure and utilities during construction or operation of this project.	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** None.
		Agronomy: No predicted cumulative impacts due to distance of development from proposed project.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: No predicted cumulative impacts due to distance of development from proposed project.	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No predicted cumulative impacts due to distance of development from proposed project.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: No predicted cumulative impacts due to distance of development from proposed project.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** None.
310860	CWTC Multi Family ICAV acting on behalf of its sub-fund DBTR DR1 Fund Demolition of a number of existing office/former buildings on site, including the New Wing and Library Wing Buildings and the construction of a residential development. Holy Cross College, Clonliffe Road, Dublin 3 and Drumcondra Road Lower, Drumcondra, Dublin 9.	**Traffic & Transport:** No significant cumulative impact predicted	**Traffic & Transport:** Not applicable.	**Traffic & Transport:** Not Significant.
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: With no significant cumulative environmental or traffic / transport related effects identified that could give rise to disturbance/nuisance to local population, no significant adverse cumulative effects anticipated with respect to population and land use will arise during construction or operation of this development. The construction of both projects will increase construction employment opportunities and may boost the positive direct and indirect economic effects associated with these projects in the local area.	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** None.
		Electromagnetic Interference: No predicted cumulative impacts due to distance of development from proposed project.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** None.
		Airborne Noise & Vibration: Development set back from closest surface works associated with the proposed Project by considerable distance with no potential for cumulative noise or vibration impacts. No operational cumulative impacts predicted due to distance and underground rail line	**Airborne Noise & Vibration:** Not applicable	**Airborne Noise & Vibration:** None
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Biodiversity: Potential for cumulative effects on downstream habitats arising from accidental pollution events during the construction or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss arising from extreme habitat degradation.	**Biodiversity**: Mitigation proposed in the EIAR and in the outline CEMP (Appendix A5.1) to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events.	**Biodiversity:** Not significant
		Climate: No significant cumulative impacts will occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase	**Climate:** Not applicable	**Climate:** Not Significant
		Air Quality: Due to distance from development there is no potential for significant impacts	**Air Quality:** Not applicable.	**Air Quality:** None.
		Hydrology: No significant cumulative impacts envisaged. However, potential for cumulative impact on nearby drainage channels and connection with the Tolka River to the north for example, due to accidental pollution event during the Construction Phase and hence potential impact on downstream habitats including Dublin Bay. Potential for cumulative impact due to removal of any contaminated soils at the site.	**Hydrology:** Mitigation proposed to protect surface water quality at identified receiving watercourses including the Tolka River during construction and operation of the proposed Project, will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) and outline CEMP (Appendix A5.1) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. In addition, specific mitigation measures will apply to the proposed development site. Identification of suitable disposal licenced sites for contaminated soil following guidelines in the outline CEMP (Appendix A5.1) and specific to proposed development site.	**Hydrology:** Imperceptible.
		Hydrogeology: No significant cumulative impacts. However, potential for cumulative impact due to accidental pollution/discharge to ground event during the construction and/or operation of this development on nearby Tolka River watercourse (and where groundwater potentially discharges to nearby surface water features) and hence potential impact on downstream habitats as identified. Potential for local reduction in recharge to ground. Potential for cumulative impact due to removal of any contaminated/other soils at the development.	**Hydrogeology:** Mitigation proposed to protect local groundwater within development boundaries as well as surface water quality at nearby watercourses to same, during construction and operation of the proposed Project, will prevent groundwater and surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) and outline CEMP (Appendix A5.1) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. In addition, specific mitigation measures will apply to the proposed development site. Recharge to ground where feasible as part of SuDS. Identification of suitable disposal licenced sites including for potentially contaminated soil.	**Hydrogeology:** Not significant/Imperceptible.
		Soils & Geology: Development considered too far from the proposed Project to create any likelihood of cumulative impacts.	**Soils & Geology:** Not applicable.	**Soils & Geology:** Imperceptible.
		Land Take: NONE	**Land Take:**	**Land Take:**
		Infrastructure & Utilities: NONE	**Infrastructure & Utilities:**	**Infrastructure & Utilities:**
		Agronomy: None.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: No predicted cumulative impacts due to distance of development from proposed project.	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No predicted cumulative impacts due to distance of development from proposed project.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: No predicted cumulative impacts due to distance of development from proposed project.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** None.
309812	Dublin City Council. Strategic Infrastructure Development. To increase the capacity of the Dublin Waste to Energy Facility (ref: PL29S.EF2022) from	**Traffic & Transport:** No significant cumulative impact predicted	**Traffic & Transport:** Not applicable.	**Traffic & Transport:** Not Significant. **Traffic & Transport: Not Significant.**
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
	600,000 tonnes per annum to 690,000 tonnes per annum.	**Population & Land-Use:** Given the distance of this development from the proposed Project, no significant cumulative effects on population and landuse are identified	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** None.
		Electromagnetic Interference: No predicted cumulative impacts due to distance of development from proposed project.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** None.
		Airborne Noise & Vibration: Development set back from closest surface works associated with the proposed Project by considerable distance with no potential for cumulative noise or vibration impacts. No operational cumulative impacts predicted due to distance and underground rail line	**Airborne Noise & Vibration:** Not applicable	**Airborne Noise & Vibration:** None
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity: Potential for cumulative effects on downstream habitats arising from accidental pollution events during the operation of this development. Accidental pollution events could result in habitat degradation, and habitat loss arising from extreme habitat degradation.	**Biodiversity**: Mitigation proposed in the EIAR and in the outline CEMP (Appendix A5.1) to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events.	**Biodiversity:** Not significant
		Climate: No significant cumulative impacts will occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase	**Climate:** Not applicable	**Climate:** Not Significant
		Air Quality: Due to distance from development there is no potential for significant impacts	**Air Quality:** Not applicable.	**Air Quality:** None.
		Hydrology: No significant cumulative impacts envisaged. However, potential for cumulative impact on nearby drainage channels and connection with the River Liffey and Dublin Bay due to potential accidental pollution events and hence potential impact on downstream habitats including Dublin Bay. Potential for cumulative impact due to removal of any [unused] waste material at the site.	**Hydrology:** Mitigation proposed to protect surface water quality at identified receiving watercourses including the River Liffey during construction and operation of the proposed Project, will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) and outline CEMP (Appendix A5.1) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. In addition, specific mitigation measures will apply to the proposed development site. Identification of suitable disposal licenced sites for contaminated soil/unused waste material following guidelines in the outline CEMP (Appendix A5.1) and specific to proposed development site.	**Hydrology:** Imperceptible.
		Hydrogeology: No significant cumulative impacts. However, potential for cumulative impact due to accidental pollution/discharge to ground event during the construction and/or operation of this development on the adjacent River Liffey and hence potential impact on downstream habitats as identified. Potential for cumulative impact due to removal of any contaminated /disused waste material at the development.	**Hydrogeology:** Mitigation proposed to protect local groundwater within development boundaries as well as surface water quality at nearby watercourses to same, during construction and operation of the proposed Project, will prevent groundwater and surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) and outline CEMP (Appendix A5.1) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. In addition, specific mitigation measures will apply to the proposed development site. Identification of suitable disposal licenced sites including for potentially contaminated /disused waste material (in context of Application site).	**Hydrogeology:** Imperceptible.
		Soils & Geology: Development considered too far from the proposed Project to create any likelihood of cumulative impacts.	**Soils & Geology:** Not applicable.	**Soils & Geology:** Imperceptible.
		Land Take: None. The project is outside of the proposed Project permanent and temporary land-take boundaries.	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: Given the distance of this development from the proposed Project no cumulative effects are predicted to occur with respect to infrastructure and utilities during construction or operation of this project.	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** None.
		Agronomy: No predicted cumulative impacts due to distance of development from proposed project.	**Agronomy:** Not applicable.	**Agronomy:** None.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Material & Waste Management: No significant cumulative impacts envisaged during operation	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: No predicted cumulative impacts due to distance of development from proposed project.	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No predicted cumulative impacts due to distance of development from proposed project.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: No predicted cumulative impacts due to distance of development from proposed project.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** None.
310413	GLL PRS Holdco Limited Strategic Housing Development. 162 no. residential units across three no. blocks, communal and public open amenity space. Deer Park, Howth, Co. Dublin	**Traffic & Transport:** No significant cumulative impact predicted	**Traffic & Transport:** Not applicable.	**Traffic & Transport:** Not Significant. **Traffic & Transport: Not Significant.**
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: Given the distance of this development from the proposed Project, no significant cumulative effects on population and landuse are identified	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** None.
		Electromagnetic Interference: No predicted cumulative impacts due to distance of development from proposed project.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** None.
		Airborne Noise & Vibration: Development set back from closest surface works associated with the proposed Project by considerable distance with no potential for cumulative noise or vibration impacts. No operational cumulative impacts predicted due to distance and underground rail line	**Airborne Noise & Vibration:** Not applicable	**Airborne Noise & Vibration:** None
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity: Potential for cumulative effects on downstream habitats arising from accidental pollution events during the construction or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss arising from extreme habitat degradation.	**Biodiversity**: Mitigation proposed in the EIAR and in the outline CEMP (Appendix A5.1) to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events.	**Biodiversity:** Not significant
		Climate: No significant cumulative impacts will occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase	**Climate:** Not applicable	**Climate:** Not Significant
		Air Quality: Due to distance from development there is no potential for significant impacts	**Air Quality:** Not applicable.	**Air Quality:** None.
		Hydrology: No significant cumulative impacts envisaged.	**Hydrology:** Construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) and Chapter 20 (Soils & Geology) of the EIAR and outline CEMP (Appendix A5.1) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. In addition, specific mitigation measures will apply to the proposed development site. Identification of suitable disposal licenced sites for potentially contaminated soil.	**Hydrology:** Imperceptible.
		Hydrogeology: No significant cumulative impacts envisaged.	**Hydrogeology:** Construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) of the EIAR and outline CEMP (Appendix A5.1) with due cognisance of the hydraulic connectivity potential to bedrock/and downstream sensitive ecological habitats. In addition, specific mitigation measures	**Hydrogeology:** Imperceptible.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
			will apply to the proposed development site. Identification of suitable disposal licenced sites for any potentially contaminated soil.	
		Soils & Geology: Development considered too far from the proposed Project to create any likelihood of cumulative impacts.	**Soils & Geology:** Not applicable.	**Soils & Geology:** Imperceptible.
		Land Take: None. The project is outside of the proposed Project permanent and temporary land-take boundaries.	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: Given the distance of this development from the proposed Project no cumulative effects are predicted to occur with respect to infrastructure and utilities during construction or operation of this project.	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** None.
		Agronomy: No predicted cumulative impacts due to distance of development from proposed project.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: No predicted cumulative impacts due to distance of development from proposed project.	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No predicted cumulative impacts due to distance of development from proposed project.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: No predicted cumulative impacts due to distance of development from proposed project.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** None.
311606	Golden Port Estates Limited. Strategic Housing Development. 249 no. apartments and associated site works (Phase 2). Eight blocks ranging from five to eight-storeys. Carriglea Industrial Estate, Muirfield Drive, Naas Road, Dublin 12.	**Traffic & Transport:** No significant cumulative impact predicted	**Traffic & Transport:** Not applicable.	**Traffic & Transport:** Not Significant. **Traffic & Transport: Not Significant.**
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: Given the distance of this development from the proposed Project, no significant cumulative effects on population and landuse are identified	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** None.
		Electromagnetic Interference: No predicted cumulative impacts due to distance of development from proposed project.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** None.
		Airborne Noise & Vibration: Development set back from closest surface works associated with the proposed Project by considerable distance with no potential for cumulative noise or vibration impacts. No operational cumulative impacts predicted due to distance and underground rail line	**Airborne Noise & Vibration:** Not applicable	**Airborne Noise & Vibration:** None
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity: Potential for cumulative effects on downstream habitats arising from accidental pollution events during the construction or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss arising from extreme habitat degradation.	**Biodiversity**: Mitigation proposed in the EIAR and in the outline CEMP (Appendix A5.1) to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events.	**Biodiversity:** Not significant
		Climate: No significant cumulative impacts will occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has	**Climate:** Not applicable	**Climate:** Not Significant

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase		
		Air Quality: Due to distance from development there is no potential for significant impacts	**Air Quality:** Not applicable.	**Air Quality:** None.
		Hydrology: No significant cumulative impacts. However, potential for cumulative impact due to removal of any contaminated soils at the development. Application site is likely near stormwater discharge to Camac River which ultimately discharges to the River Liffey at Dublin Bay	**Hydrology:** Construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) and Chapter 20 (Soils & Geology) of the EIAR and outline CEMP (Appendix A5.1) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. In addition, specific mitigation measures will apply to the proposed development site. Identification of suitable disposal licenced sites for any potentially contaminated soil.	**Hydrology:** Not significant/Imperceptible.
		Hydrogeology: No significant cumulative impacts. However, potential for cumulative impact due to accidental pollution/discharge to ground event during the construction and/or operation of this development on stormwater systems with connection to nearby watercourses including the Camac River (and where groundwater potentially discharges to nearby surface water features) and hence potential impact on downstream habitats as identified. Short-term dewatering effects possible for lower-level construction/basements. Potential for local reduction in recharge to ground. Potential for cumulative impact due to removal of any contaminated/other soils at the development.	**Hydrogeology:** Mitigation proposed to protect local groundwater within development boundaries as well as surface water quality at nearby watercourses to same, during construction and operation of the proposed Project, will prevent groundwater and surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) and outline CEMP (Appendix A5.1) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. In addition, specific mitigation measures will apply to the proposed development site. Recharge to ground where feasible as part of SuDS. Identification of suitable disposal licenced sites including for potentially contaminated soil.	**Hydrogeology:** Not significant/Imperceptible.
		Soils & Geology: Development considered too far from the proposed Project to create any likelihood of cumulative impacts.	**Soils & Geology:** Not applicable.	**Soils & Geology:** Imperceptible.
		Land Take: None. The project is outside of the proposed Project permanent and temporary land-take boundaries.	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: Given the distance of this development from the proposed Project no cumulative effects are predicted to occur with respect to infrastructure and utilities during construction or operation of this project.	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** None.
		Agronomy: No predicted cumulative impacts due to distance of development from proposed project.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: No predicted cumulative impacts due to distance of development from proposed project.	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No predicted cumulative impacts due to distance of development from proposed project.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: No predicted cumulative impacts due to distance of development from proposed project.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** None.
312214	Heronvale Developments Limited. Strategic Housing Development. 130 no. residential units (55 no. houses, 75 no. apartments) and associated site works. Lands at Shaldon Grange, located off Enniskerry Road (R117), Kilternan, Dublin 18.	**Traffic & Transport:** No significant cumulative impact predicted	**Traffic & Transport:** Not applicable.	**Traffic & Transport:** Not Significant. **Traffic & Transport: Not Significant.**
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: Given the distance of this development from the proposed Project, no significant cumulative effects on population and landuse are identified	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** None.
		Electromagnetic Interference: No predicted cumulative impacts due to distance of development from proposed project.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** None.
		Airborne Noise & Vibration:	**Airborne Noise & Vibration:** Not applicable	**Airborne Noise & Vibration:** None

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Development set back from closest surface works associated with the proposed Project by considerable distance with no potential for cumulative noise or vibration impacts. No operational cumulative impacts predicted due to distance and underground rail line		
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity: Potential for cumulative effects on downstream habitats arising from accidental pollution events during the construction or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss arising from extreme habitat degradation.	**Biodiversity**: Mitigation proposed in the EIAR and in the outline CEMP (Appendix A5.1) to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events.	**Biodiversity:** Not significant
		Climate: No significant cumulative impacts will occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase	**Climate:** Not applicable	**Climate:** Not Significant
		Air Quality: Due to distance from development there is no potential for significant impacts	**Air Quality:** Not applicable.	**Air Quality:** None.
		Hydrology: No significant cumulative impacts. However, potential for cumulative impact due to removal of any contaminated soils at the development. Application site is near stormwater/Glenamuck North watercourse.	**Hydrology:** Construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) and Chapter 20 (Soils & Geology) of the EIAR and outline CEMP (Appendix A5.1) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. In addition, specific mitigation measures will apply to the proposed development site. Identification of suitable disposal licenced sites for any potentially contaminated soil.	**Hydrology:** Imperceptible.
		Hydrogeology: No significant cumulative impacts. However, potential for cumulative impact due to accidental pollution/discharge to ground event during the construction and/or operation of this development on Glenamuck North watercourse (and where groundwater potentially discharges to nearby surface water features) and hence potential impact on downstream habitats as identified. Short-term dewatering effects possible for lower-level construction/basements. Potential for local reduction in recharge to ground. Potential for cumulative impact due to removal of any contaminated/other soils at the development.	**Hydrogeology:** Mitigation proposed to protect local groundwater within development boundaries as well as surface water quality at nearby watercourses to same, during construction and operation of the proposed Project, will prevent groundwater and surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) and outline CEMP (Appendix A5.1) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. In addition, specific mitigation measures will apply to the proposed development site. Recharge to ground where feasible as part of SuDS. Identification of suitable disposal licenced sites including for potentially contaminated soil.	**Hydrogeology:** Imperceptible.
		Soils & Geology: Development considered too far from the proposed Project to create any likelihood of cumulative impacts.	**Soils & Geology:** Not applicable.	**Soils & Geology:** Imperceptible.
		Land Take: None. The project is outside of the proposed Project permanent and temporary land-take boundaries.	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: Given the distance of this development from the proposed Project no cumulative effects are predicted to occur with respect to infrastructure and utilities during construction or operation of this project.	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** None.
		Agronomy: No predicted cumulative impacts due to distance of development from proposed project.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: No predicted cumulative impacts due to distance of development from proposed project.	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No predicted cumulative impacts due to distance of development from proposed project.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Landscape & Visual: No predicted cumulative impacts due to distance of development from proposed project.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** None.
311540	Homeland Silverpines Limited. Strategic Housing Development. The development will consist of a new residential and mixed-use scheme to include apartments, residential amenity space, a cafe and a childcare facility. Lands at 'Saint Josephs House' and adjoining properties at Brewery Road and Leopardstown Road, Dublin 18.	**Traffic & Transport:** No significant cumulative impact predicted	**Traffic & Transport:** Not applicable.	**Traffic & Transport:** Not Significant. **Traffic & Transport: Not Significant.**
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: Given the distance of this development from the proposed Project, no significant cumulative effects on population and landuse are identified	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** None.
		Electromagnetic Interference: No predicted cumulative impacts due to distance of development from proposed project.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** None.
		Airborne Noise & Vibration: Development set back from closest surface works associated with the proposed Project by considerable distance with no potential for cumulative noise or vibration impacts. No operational cumulative impacts predicted due to distance and underground rail line	**Airborne Noise & Vibration:** Not applicable	**Airborne Noise & Vibration:** None
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity: Potential for cumulative effects on downstream habitats arising from accidental pollution events during the construction or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss arising from extreme habitat degradation.	**Biodiversity**: Mitigation proposed in the EIAR and in the outline CEMP (Appendix A5.1) to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events.	**Biodiversity:** Not significant
		Climate: No significant cumulative impacts will occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase	**Climate:** Not applicable	**Climate:** Not Significant
		Air Quality: Due to distance from development there is no potential for significant impacts	**Air Quality:** Not applicable.	**Air Quality:** None.
		Hydrology: No significant cumulative impacts. However, potential for cumulative impact due to removal of any contaminated soils at the development. Application site is near stormwater/Brewery Stream watercourse feedling into South Dublin Bay SAC.	**Hydrology:** Construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) and Chapter 20 (Soils & Geology) of the EIAR and outline CEMP (Appendix A5.1) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. In addition, specific mitigation measures will apply to the proposed development site. Identification of suitable disposal licenced sites for any potentially contaminated soil.	**Hydrology:** Imperceptible.
		Hydrogeology: No significant cumulative impacts. However, potential for cumulative impact due to accidental pollution/discharge to ground event during the construction and/or operation of this development on Brewery Stream watercourse (and where groundwater potentially discharges to nearby surface water features) and hence potential impact on downstream habitats as identified. Short-term dewatering effects possible for lower-level construction/basements. Potential for local reduction in recharge to ground. Potential for cumulative impact due to removal of any contaminated/other soils at the development.	**Hydrogeology:** Mitigation proposed to protect local groundwater within development boundaries as well as surface water quality at nearby watercourses to same, during construction and operation of the proposed Project, will prevent groundwater and surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) and outline CEMP (Appendix A5.1) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats (South Dublin Bay SAC). In addition, specific mitigation measures will apply to the proposed development site. Recharge to ground where feasible as part of SuDS. Identification of suitable disposal licenced sites including for potentially contaminated soil.	**Hydrogeology:** Imperceptible.
		Soils & Geology: Development considered too far from the proposed Project to create any likelihood of cumulative impacts.	**Soils & Geology:** Not applicable.	**Soils & Geology:** Imperceptible.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Land Take: None. The project is outside of the proposed Project permanent and temporary land-take boundaries.	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: Given the distance of this development from the proposed Project no cumulative effects are predicted to occur with respect to infrastructure and utilities during construction or operation of this project.	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** None.
		Agronomy: No predicted cumulative impacts due to distance of development from proposed project.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: No predicted cumulative impacts due to distance of development from proposed project.	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No predicted cumulative impacts due to distance of development from proposed project.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: No predicted cumulative impacts due to distance of development from proposed project.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** None.
311591	HPREF HSQ Investments Limited. Strategic Housing Development. Residential development of 399 no. Build to Rent residential units and all ancillary and associated uses, development and works, and a retail unit of 120 sq m, on a site of 1.08 ha. Heuston South Quarter St Johns Road West / Military Road Kilmainham Dublin.	**Traffic & Transport:** No significant cumulative impact predicted	**Traffic & Transport:** Not applicable.	**Traffic & Transport:** Not Significant. **Traffic & Transport: Not Significant.**
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: Given the distance of this development from the proposed Project, no significant cumulative effects on population and landuse are identified	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** None.
		Electromagnetic Interference: No predicted cumulative impacts due to distance of development from proposed project.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** None.
		Airborne Noise & Vibration: Development set back from closest surface works associated with the proposed Project by considerable distance with no potential for cumulative noise or vibration impacts. No operational cumulative impacts predicted due to distance and underground rail line	**Airborne Noise & Vibration:** Not applicable	**Airborne Noise & Vibration:** None
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity: Potential for cumulative effects on downstream habitats arising from accidental pollution events during the construction or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss arising from extreme habitat degradation.	**Biodiversity**: Mitigation proposed in the EIAR and in the outline CEMP (Appendix A5.1) to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events.	**Biodiversity:** Not significant
		Climate: No significant cumulative impacts will occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase	**Climate:** Not applicable	**Climate:** Not Significant
		Air Quality: Due to distance from development there is no potential for significant impacts	**Air Quality:** Not applicable.	**Air Quality:** None.
		Hydrology: No significant cumulative impacts envisaged. However, potential for cumulative impact on nearby drainage channels and connection with the River Liffey to the north for example, due to accidental pollution event during the Construction Phase and hence potential impact on downstream habitats including Dublin Bay.	**Hydrology:** Mitigation proposed to protect surface water quality at identified receiving watercourses including the River Liffey during construction and operation of the proposed Project, will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) and outline CEMP (Appendix A5.1) with due cognisance of the hydraulic	**Hydrology:** Imperceptible.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Potential for cumulative impact due to removal of any contaminated soils at the site.	connectivity potential to downstream sensitive ecological habitats. In addition, specific mitigation measures will apply to the proposed development site. Identification of suitable disposal licenced sites for contaminated soil/waste material following guidelines in the outline CEMP (Appendix A5.1) and specific to proposed development site.	
		Hydrogeology: No significant cumulative impacts. However, potential for cumulative impact due to accidental pollution/discharge to ground event during the construction and/or operation of this development on River Liffey watercourse (and where groundwater potentially discharges to nearby surface water features) and hence potential impact on downstream habitats as identified. Short-term dewatering effects possible for lower-level construction/basements. Potential for local reduction in recharge to ground. Potential for cumulative impact due to removal of any contaminated/other soils at the development.	**Hydrogeology:** Mitigation proposed to protect local groundwater within development boundaries as well as surface water quality at nearby watercourses to same, during construction and operation of the proposed Project, will prevent groundwater and surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) and outline CEMP (Appendix A5.1) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. In addition, specific mitigation measures will apply to the proposed development site. Recharge to ground where feasible as part of SuDS. Identification of suitable disposal licenced sites including for potentially contaminated soil.	**Hydrogeology:** Imperceptible.
		Soils & Geology: Development considered too far from the proposed Project to create any likelihood of cumulative impacts.	**Soils & Geology:** Not applicable.	**Soils & Geology:** Imperceptible.
		Land Take: None. The project is outside of the proposed Project permanent and temporary land-take boundaries.	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: Given the distance of this development from the proposed Project no cumulative effects are predicted to occur with respect to infrastructure and utilities during construction or operation of this project.	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** None.
		Agronomy: No predicted cumulative impacts due to distance of development from proposed project.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: No predicted cumulative impacts due to distance of development from proposed project.	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No predicted cumulative impacts due to distance of development from proposed project.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: No predicted cumulative impacts due to distance of development from proposed project.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** None.
311826	Knockrabo Investments DAC. Strategic Housing Development. 227 no. apartments and associated site works. Four blocks, ranging from part two to part eight storeys in height. Lands at Knockrabo, Mount Anville Road, Goatstown, Dublin 14.	**Traffic & Transport:** No significant cumulative impact predicted	**Traffic & Transport:** Not applicable.	**Traffic & Transport:** Not Significant. **Traffic & Transport: Not Significant.**
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: Given the distance of this development from the proposed Project, no significant cumulative effects on population and landuse are identified	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** None.
		Electromagnetic Interference: No predicted cumulative impacts due to distance of development from proposed project.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** None.
		Airborne Noise & Vibration: Development set back from closest surface works associated with the proposed Project by considerable distance with no potential for cumulative noise or vibration impacts. No operational cumulative impacts predicted due to distance and underground rail line	**Airborne Noise & Vibration:** Not applicable	**Airborne Noise & Vibration:** None

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity: Potential for cumulative effects on downstream habitats arising from accidental pollution events during the construction or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss arising from extreme habitat degradation.	**Biodiversity**: Mitigation proposed in the EIAR and in the outline CEMP (Appendix A5.1) to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events.	**Biodiversity:** Not significant
		Climate: No significant cumulative impacts will occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase	**Climate:** Not applicable	**Climate:** Not Significant
		Air Quality: Due to distance from development there is no potential for significant impacts	**Air Quality:** Not applicable.	**Air Quality:** None.
		Hydrology: No significant cumulative impacts envisaged. However, potential for cumulative impact on nearby drainage channels and connection due to accidental pollution event during the Construction Phase. Potential for cumulative impact due to removal of any contaminated soils at the site.	**Hydrology:** Construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) and Chapter 20 (Soils & Geology) of the EIAR and outline CEMP (Appendix A5.1) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. In addition, specific mitigation measures will apply to the proposed development site. Identification of suitable disposal licenced sites for any potentially contaminated soil.	**Hydrology:** Imperceptible.
		Hydrogeology: No significant cumulative impacts. However, potential for cumulative impact due to accidental pollution/discharge to ground event during the construction and/or operation of this development on stormwater system to nearby watercourse(s) (and where groundwater potentially discharges to nearby surface water features) and hence potential impact on downstream habitats as identified. Short-term dewatering effects possible for lower-level construction/basements. Potential for local reduction in recharge to ground. Potential for cumulative impact due to removal of any contaminated/other soils at the development.	**Hydrogeology:** Mitigation proposed to protect local groundwater within development boundaries as well as surface water quality at nearby watercourses to same, during construction and operation of the proposed Project, will prevent groundwater and surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) and outline CEMP (Appendix A5.1) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats (South Dublin Bay SAC). In addition, specific mitigation measures will apply to the proposed development site. Recharge to ground where feasible as part of SuDS. Identification of suitable disposal licenced sites including for potentially contaminated soil.	**Hydrogeology:** Imperceptible.
		Soils & Geology: Development considered too far from the proposed Project to create any likelihood of cumulative impacts.	**Soils & Geology:** Not applicable.	**Soils & Geology:** Imperceptible.
		Land Take: None. The project is outside of the proposed Project permanent and temporary land-take boundaries.	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: Given the distance of this development from the proposed Project no cumulative effects are predicted to occur with respect to infrastructure and utilities during construction or operation of this project.	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** None.
		Agronomy: No predicted cumulative impacts due to distance of development from proposed project.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: No predicted cumulative impacts due to distance of development from proposed project.	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No predicted cumulative impacts due to distance of development from proposed project.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: No predicted cumulative impacts due to distance of development from proposed project.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** None.
311616	MacCabe Durney Barnes. Strategic Housing Development.	**Traffic & Transport:** No significant cumulative impact predicted	**Traffic & Transport:** Not applicable.	**Traffic & Transport:** Not Significant. **Traffic & Transport: Not Significant.**

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
	131 no. residential units (21 no. houses, 110 no. apartments), childcare facilities and associated site works. Ten blocks up to four storeys. Stocking Lane, Ballyboden, Dublin 16.	**Human Health:** Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: Given the distance of this development from the proposed Project, no significant cumulative effects on population and landuse are identified	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** None.
		Electromagnetic Interference: No predicted cumulative impacts due to distance of development from proposed project.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** None.
		Airborne Noise & Vibration: Development set back from closest surface works associated with the proposed Project by considerable distance with no potential for cumulative noise or vibration impacts. No operational cumulative impacts predicted due to distance and underground rail line	**Airborne Noise & Vibration:** Not applicable	**Airborne Noise & Vibration:** None
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity: Potential for cumulative effects on downstream habitats arising from accidental pollution events during the construction or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss arising from extreme habitat degradation.	**Biodiversity**: Mitigation proposed in the EIAR and in the outline CEMP (Appendix A5.1) to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events.	**Biodiversity:** Not significant
		Climate: No significant cumulative impacts will occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase	**Climate:** Not applicable	**Climate:** Not Significant
		Air Quality: Due to distance from development there is no potential for significant impacts	**Air Quality:** Not applicable.	**Air Quality:** None.
		Hydrology: No significant cumulative impacts. However, potential for cumulative impact due to removal of any contaminated soils at the development. Application site is near stormwater/Owenadoher watercourse/tributaries feeding into the Dodder River.	**Hydrology:** Construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) and Chapter 20 (Soils & Geology) of the EIAR and outline CEMP (Appendix A5.1) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. In addition, specific mitigation measures will apply to the proposed development site. Identification of suitable disposal licenced sites for any potentially contaminated soil.	**Hydrology:** Imperceptible.
		Hydrogeology: No significant cumulative impacts. However, potential for cumulative impact due to accidental pollution/discharge to ground event during the construction and/or operation of this development on nearby Owenadoher watercourse/tributaries (and where groundwater potentially discharges to nearby surface water features) and hence potential impact on downstream habitats as identified. Potential for local reduction in recharge to ground. Potential for cumulative impact due to removal of any contaminated/other soils at the development.	**Hydrogeology:** Mitigation proposed to protect local groundwater within development boundaries as well as surface water quality at nearby watercourses to same, during construction and operation of the proposed Project, will prevent groundwater and surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) and outline CEMP (Appendix A5.1) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. In addition, specific mitigation measures will apply to the proposed development site. Recharge to ground where feasible as part of SuDS. Identification of suitable disposal licenced sites including for potentially contaminated soil.	**Hydrogeology:** Imperceptible.
		Soils & Geology: Development considered too far from the proposed Project to create any likelihood of cumulative impacts.	**Soils & Geology:** Not applicable.	**Soils & Geology:** Imperceptible.
		Land Take: None. The project is outside of the proposed Project permanent and temporary land-take boundaries.	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: Given the distance of this development from the proposed Project no cumulative effects are predicted to occur with respect to infrastructure and utilities during construction or operation of this project.	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** None.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Agronomy: No predicted cumulative impacts due to distance of development from proposed project.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: No predicted cumulative impacts due to distance of development from proposed project.	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No predicted cumulative impacts due to distance of development from proposed project.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: No predicted cumulative impacts due to distance of development from proposed project.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** None.
310299	Maxol Property Limited. Strategic Housing Development. Demolition all existing buildings, construction of 112 no. apartments and associated site works. single six storey over basement block. Maxol Filling Station and a vacant motor sales/service garage (formerly Michael Grant Motors), Beach Road, Dublin 4.	**Traffic & Transport:** No significant cumulative impact predicted	**Traffic & Transport:** Not applicable.	**Traffic & Transport:** Not Significant. **Traffic & Transport: Not Significant.**
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: Given the distance of this development from the proposed Project, no significant cumulative effects on population and landuse are identified	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** None.
		Electromagnetic Interference: No predicted cumulative impacts due to distance of development from proposed project.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** None.
		Airborne Noise & Vibration: Development set back from closest surface works associated with the proposed Project by considerable distance with no potential for cumulative noise or vibration impacts. No operational cumulative impacts predicted due to distance and underground rail line	**Airborne Noise & Vibration:** Not applicable	**Airborne Noise & Vibration:** None
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity: Potential for cumulative effects on downstream habitats arising from accidental pollution events during the construction or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss arising from extreme habitat degradation.	**Biodiversity**: Mitigation proposed in the EIAR and in the outline CEMP (Appendix A5.1) to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events.	**Biodiversity:** Not significant
		Climate: No significant cumulative impacts will occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase	**Climate:** Not applicable	**Climate:** Not Significant
		Air Quality: Due to distance from development there is no potential for significant impacts	**Air Quality:** Not applicable.	**Air Quality:** None.
		Hydrology: No significant cumulative impacts. However, potential for cumulative impact due to removal of any contaminated soils at the development. Application site is near stormwater/Dodder River watercourse and South Dublin Bay SAC.	**Hydrology:** Construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) and Chapter 20 (Soils & Geology) of the EIAR and outline CEMP (Appendix A5.1) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. In addition, specific mitigation measures will apply to the proposed development site. Identification of suitable disposal licenced sites for potentially contaminated soil (including historical use of Application site).	**Hydrology:** Not significant/Imperceptible.
		Hydrogeology: No significant cumulative impacts. However, potential for cumulative impact due to accidental pollution/discharge to ground event during the construction	**Hydrogeology:** Mitigation proposed to protect local groundwater within development boundaries as well as surface water quality at nearby watercourses to	**Hydrogeology:** Imperceptible.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		and/or operation of this development potentially on Dodder River watercourse (and where groundwater potentially discharges to nearby surface water features) and hence potential impact on downstream habitats as identified including nearby South Dublin Bay SAC Short-term dewatering effects possible for lower-level construction/basements. Potential for local reduction in recharge to ground. Potential for cumulative impact due to removal of any contaminated/other soils at the development including historical use of Application site.	same, during construction and operation of the proposed Project, will prevent groundwater and surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) and outline CEMP (Appendix A5.1) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats (South Dublin Bay SAC). In addition, specific mitigation measures will apply to the proposed development site. Recharge to ground where feasible as part of SuDS. Identification of suitable disposal licenced sites including for potentially contaminated soil (and specifically with reference to the historical use of the Application site).	
		Soils & Geology: Development considered too far from the proposed Project to create any likelihood of cumulative impacts.	**Soils & Geology:** Not applicable.	**Soils & Geology:** Imperceptible.
		Land Take: None. The project is outside of the proposed Project permanent and temporary land-take boundaries.	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: Given the distance of this development from the proposed Project no cumulative effects are predicted to occur with respect to infrastructure and utilities during construction or operation of this project.	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** None.
		Agronomy: No predicted cumulative impacts due to distance of development from proposed project.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: No predicted cumulative impacts due to distance of development from proposed project.	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No predicted cumulative impacts due to distance of development from proposed project.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: No predicted cumulative impacts due to distance of development from proposed project.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** None.
312325 Formerly 303804	Oval Target Limited. Strategic Housing Development. Demolition of an existing extension, construction of 493 no. apartments, creche and associated site works. St. Teresa's House (protected structure) and St. Teresa's Lodge (protected structure) Temple Hill, Monkstown, Blackrock, Co. Dublin.	**Traffic & Transport:** No significant cumulative impact predicted	**Traffic & Transport:** Not applicable.	**Traffic & Transport:** Not Significant. **Traffic & Transport: Not Significant.**
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: Given the distance of this development from the proposed Project, no significant cumulative effects on population and landuse are identified	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** None.
		Electromagnetic Interference: No predicted cumulative impacts due to distance of development from proposed project.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** None.
		Airborne Noise & Vibration: Development set back from closest surface works associated with the proposed Project by considerable distance with no potential for cumulative noise or vibration impacts. No operational cumulative impacts predicted due to distance and underground rail line	**Airborne Noise & Vibration:** Not applicable	**Airborne Noise & Vibration:** None
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity: Potential for cumulative effects on downstream habitats arising from accidental pollution events during the construction or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss arising from extreme habitat degradation.	**Biodiversity**: Mitigation proposed in the EIAR and in the outline CEMP (Appendix A5.1) to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events.	**Biodiversity:** Not significant

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Climate: No significant cumulative impacts will occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase	**Climate:** Not applicable	**Climate:** Not Significant
		Air Quality: Due to distance from development there is no potential for significant impacts	**Air Quality:** Not applicable.	**Air Quality:** None.
		Hydrology: No significant cumulative impacts. However, potential for cumulative impact due to removal of any contaminated soils at the development. Application site is near stormwater/Brewery Stream watercourse feeding into South Dublin Bay SAC.	**Hydrology:** Construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) and Chapter 20 (Soils & Geology) of the EIAR and outline CEMP (Appendix A5.1) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. In addition, specific mitigation measures will apply to the proposed development site. Identification of suitable disposal licenced sites for any potentially contaminated soil.	**Hydrology:** Imperceptible.
		Hydrogeology: No significant cumulative impacts. However, potential for cumulative impact due to accidental pollution/discharge to ground event during the construction and/or operation of this development on Brewery Stream watercourse (and where groundwater potentially discharges to nearby surface water features) and hence potential impact on downstream habitats as identified. Short-term dewatering effects possible for lower-level construction/basements. Potential for local reduction in recharge to ground. Potential for cumulative impact due to removal of any contaminated/other soils at the development.	**Hydrogeology:** Mitigation proposed to protect local groundwater within development boundaries as well as surface water quality at nearby watercourses to same, during construction and operation of the proposed Project, will prevent groundwater and surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) and outline CEMP (Appendix A5.1) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats (South Dublin Bay SAC). In addition, specific mitigation measures will apply to the proposed development site. Recharge to ground where feasible as part of SuDS. Identification of suitable disposal licenced sites including for potentially contaminated soil.	**Hydrogeology:** Imperceptible.
		Soils & Geology: Development considered too far from the proposed Project to create any likelihood of cumulative impacts.	**Soils & Geology:** Not applicable.	**Soils & Geology:** Imperceptible.
		Land Take: None. The project is outside of the proposed Project permanent and temporary land-take boundaries.	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: Given the distance of this development from the proposed Project no cumulative effects are predicted to occur with respect to infrastructure and utilities during construction or operation of this project.	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** None.
		Agronomy: No predicted cumulative impacts due to distance of development from proposed project.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: No predicted cumulative impacts due to distance of development from proposed project.	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No predicted cumulative impacts due to distance of development from proposed project.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: No predicted cumulative impacts due to distance of development from proposed project.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** None.
311287	Pembroke Partnership Limited. Strategic Housing Development. 115 no. apartments, creche and associated site works. Four blocks ranging from three to five storeys. Frankfort Castle, Old Frankfort, Dundrum, Dublin 14.	**Traffic & Transport:** No significant cumulative impact predicted	**Traffic & Transport:** Not applicable.	**Traffic & Transport:** Not Significant. **Traffic & Transport: Not Significant.**
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: Given the distance of this development from the proposed Project, no significant cumulative effects on population and landuse are identified	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** None.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Electromagnetic Interference: No predicted cumulative impacts due to distance of development from proposed project.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** None.
		Airborne Noise & Vibration: Development set back from closest surface works associated with the proposed Project by considerable distance with no potential for cumulative noise or vibration impacts. No operational cumulative impacts predicted due to distance and underground rail line	**Airborne Noise & Vibration:** Not applicable	**Airborne Noise & Vibration:** None
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity: Potential for cumulative effects on downstream habitats arising from accidental pollution events during the construction or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss arising from extreme habitat degradation.	**Biodiversity**: Mitigation proposed in the EIAR and in the outline CEMP (Appendix A5.1) to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events.	**Biodiversity:** Not significant
		Climate: No significant cumulative impacts will occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase	**Climate:** Not applicable	**Climate:** Not Significant
		Air Quality: Due to distance from development there is no potential for significant impacts	**Air Quality:** Not applicable.	**Air Quality:** None.
		Hydrology: No significant cumulative impacts. However, potential for cumulative impact due to removal of any contaminated soils at the development. Application site is near stormwater/Slang watercourse feeding into the Dodder River and ultimately to Dublin Bay.	**Hydrology:** Construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) and Chapter 20 (Soils & Geology) of the EIAR and outline CEMP (Appendix A5.1) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. In addition, specific mitigation measures will apply to the proposed development site. Identification of suitable disposal licenced sites for any potentially contaminated soil.	**Hydrology:** Not significant/Imperceptible.
		Hydrogeology: No significant cumulative impacts. However, potential for cumulative impact due to accidental pollution/discharge to ground event during the construction and/or operation of this development on stormwater system to nearby Slang watercourse (and where groundwater potentially discharges to nearby surface water features) and hence potential impact on downstream habitats as identified. Short-term dewatering effects possible for lower-level construction/basements. Potential for local reduction in recharge to ground. Potential for cumulative impact due to removal of any contaminated/other soils at the development.	**Hydrogeology:** Mitigation proposed to protect local groundwater within development boundaries as well as surface water quality at nearby watercourses to same, during construction and operation of the proposed Project, will prevent groundwater and surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) and outline CEMP (Appendix A5.1) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats (South Dublin Bay SAC). In addition, specific mitigation measures will apply to the proposed development site. Recharge to ground where feasible as part of SuDS. Identification of suitable disposal licenced sites including for potentially contaminated soil.	**Hydrogeology:** Imperceptible.
		Soils & Geology: Development considered too far from the proposed Project to create any likelihood of cumulative impacts.	**Soils & Geology:** Not applicable.	**Soils & Geology:** Imperceptible.
		Land Take: None. The project is outside of the proposed Project permanent and temporary land-take boundaries.	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: Given the distance of this development from the proposed Project no cumulative effects are predicted to occur with respect to infrastructure and utilities during construction or operation of this project.	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** None.
		Agronomy: No predicted cumulative impacts due to distance of development from proposed project.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.		
		Archaeology & Cultural Heritage: No predicted cumulative impacts due to distance of development from proposed project.	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No predicted cumulative impacts due to distance of development from proposed project.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: Development considered too small scale or too far from the proposed Project to create any likelihood of cumulative impacts.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** None.
312112	Quintain Developments Ireland Limited. Strategic Housing Development. 172 no. residential units in a mix of houses and duplexes. Public open space, a new vehicular road and an upgrade of an existing foul water pump (Phase 1d). Townlands Drumnigh, Maynetown and Portmarnock, Co. Dublin.	**Traffic & Transport:** No significant cumulative impact predicted	**Traffic & Transport:** Not applicable.	**Traffic & Transport:** Not Significant.
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: Given the distance of this development from the proposed Project, no significant cumulative effects on population and landuse are identified	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** None.
		Electromagnetic Interference: No predicted cumulative impacts due to distance of development from proposed project.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** None.
		Airborne Noise & Vibration: Development set back from closest surface works associated with the proposed Project by considerable distance with no potential for cumulative noise or vibration impacts. No operational cumulative impacts predicted due to distance and underground rail line	**Airborne Noise & Vibration:** Not applicable	**Airborne Noise & Vibration:** None
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity: Potential for cumulative effects on downstream habitats arising from accidental pollution events during the construction or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss arising from extreme habitat degradation.	**Biodiversity**: Mitigation proposed in the EIAR and in the outline CEMP (Appendix A5.1) to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events.	**Biodiversity:** Not significant
		Climate: No significant cumulative impacts will occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase	**Climate:** Not applicable	**Climate:** Not Significant
		Air Quality: Due to distance from development there is no potential for significant impacts	**Air Quality:** Not applicable.	**Air Quality:** None.
		Hydrology: No significant cumulative impacts. However, potential for cumulative impact on nearby drainage channels and connection with the River Mayne to the south/Baldoyle Estuary to the east for example, due to accidental pollution event during the construction and/or operation of this development and hence potential impact on downstream habitats including Baldoyle Estuary Nature Reserve. Potential for cumulative impact due to removal of any contaminated soils at the development.	**Hydrology:** Construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) and Chapter 20 (Soils & Geology) of the EIAR and outline CEMP (Appendix A5.1) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. In addition, specific mitigation measures will apply to the proposed development site. Identification of suitable disposal licenced sites for potentially contaminated soil.	**Hydrology:** Imperceptible.
		Hydrogeology: No significant cumulative impacts envisaged however potential for cumulative impact due to removal of any contaminated soils at the development site. Potential for local reduction in recharge to ground.	**Hydrogeology:** Construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) of the EIAR and outline CEMP (Appendix A5.1) with due cognisance of the hydraulic connectivity potential with shallow bedrock in the area as well as with downstream sensitive ecological habitats. In addition, specific mitigation measures will apply to the proposed development site.	**Hydrogeology:** Imperceptible.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
			Identification of suitable disposal licenced sites for potentially contaminated soil. Recharge to ground where feasible as part of SuDS.	
		Soils & Geology: Development considered too far from the proposed Project to create any likelihood of cumulative impacts.	**Soils & Geology:** Not applicable.	**Soils & Geology:** Imperceptible.
		Land Take: None. The project is outside of the proposed Project permanent and temporary land-take boundaries.	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: Given the distance of this development from the proposed Project no cumulative effects are predicted to occur with respect to infrastructure and utilities during construction or operation of this project.	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** None.
		Agronomy: No predicted cumulative impacts due to distance of development from proposed project.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: No predicted cumulative impacts due to distance of development from proposed project.	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No predicted cumulative impacts due to distance of development from proposed project.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: No predicted cumulative impacts due to distance of development from proposed project.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** None.
310567	Ruirside Developments Limited. Strategic Housing Development. Permission is sought for a 30-storey residential building (Block A) (c.14,364 sq m gfa), including residential (198no. units), cafe/restaurant, replacement office use and ancillary accommodation and works. 42A Parkgate Street, Dublin 8.	**Traffic & Transport:** No significant cumulative impact predicted	**Traffic & Transport:** Not applicable.	**Traffic & Transport:** Not Significant. **Traffic & Transport: Not Significant.**
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: Given the distance of this development from the proposed Project, no significant cumulative effects on population and landuse are identified	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** None.
		Electromagnetic Interference: No predicted cumulative impacts due to distance of development from proposed project.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** None.
		Airborne Noise & Vibration: Development set back from closest surface works associated with the proposed Project by considerable distance with no potential for cumulative noise or vibration impacts. No operational cumulative impacts predicted due to distance and underground rail line	**Airborne Noise & Vibration:** Not applicable	**Airborne Noise & Vibration:** None
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity: Potential for cumulative effects on downstream habitats arising from accidental pollution events during the construction or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss arising from extreme habitat degradation.	**Biodiversity**: Mitigation proposed in the EIAR and in the outline CEMP (Appendix A5.1) to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events.	**Biodiversity:** Not significant
		Climate: No significant cumulative impacts will occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase	**Climate:** Not applicable	**Climate:** Not Significant

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Air Quality: Due to distance from development there is no potential for significant impacts	**Air Quality:** Not applicable.	**Air Quality:** None.
		Hydrology: No significant cumulative impacts envisaged. However, potential for cumulative impact on nearby drainage channels and connection with the River Liffey to the immediate south due to accidental pollution event during the Construction Phase and hence potential impact on downstream habitats including Dublin Bay. Potential for cumulative impact due to removal of any contaminated soils at the site.	**Hydrology:** Mitigation proposed to protect surface water quality at identified receiving watercourses including the River Liffey during construction and operation of the proposed Project, will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) and outline CEMP (Appendix A5.1) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. In addition, specific mitigation measures will apply to the proposed development site. Identification of suitable disposal licenced sites for contaminated soil/waste material following guidelines in the outline CEMP (Appendix A5.1) and specific to proposed development site.	**Hydrology:** Not significant/Imperceptible.
		Hydrogeology: No significant cumulative impacts. However, potential for cumulative impact due to accidental pollution/discharge to ground event during the construction and/or operation of this development on River Liffey watercourse to the immediate south (and where groundwater potentially discharges to nearby surface water features) and hence potential impact on downstream habitats as identified. Short-term dewatering effects possible for lower-level construction/basements. Potential for local reduction in recharge to ground. Potential for cumulative impact due to removal of any contaminated/other soils at the development.	**Hydrogeology:** Mitigation proposed to protect local groundwater within development boundaries as well as surface water quality at nearby watercourses to same, during construction and operation of the proposed Project, will prevent groundwater and surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) and outline CEMP (Appendix A5.1) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. In addition, specific mitigation measures will apply to the proposed development site. Recharge to ground where feasible as part of SuDS. Identification of suitable disposal licenced sites including for potentially contaminated soil.	**Hydrogeology:** Not significant/Imperceptible.
		Soils & Geology: Development considered too far from the proposed Project to create any likelihood of cumulative impacts.	**Soils & Geology:** Not applicable.	**Soils & Geology:** Imperceptible.
		Land Take: None. The project is outside of the proposed Project permanent and temporary land-take boundaries.	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: Given the distance of this development from the proposed Project no cumulative effects are predicted to occur with respect to infrastructure and utilities during construction or operation of this project.	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** None.
		Agronomy: No predicted cumulative impacts due to distance of development from proposed project.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: No predicted cumulative impacts due to distance of development from proposed project.	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No predicted cumulative impacts due to distance of development from proposed project.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: Development considered too small scale or too far from the proposed Project to create any likelihood of cumulative impacts.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** None.
311302	Sandford Living Limited. Strategic Housing Development. Demolition of existing structures on site, 671 no. Built to Rent apartments, creche and associated site works. Milltown Park, Sandford Road, Dublin 6.	**Traffic & Transport:** No significant cumulative impact predicted	**Traffic & Transport:** Not applicable.	**Traffic & Transport:** Not Significant. **Traffic & Transport: Not Significant.**
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: With no significant cumulative environmental or traffic / transport related effects identified that could give rise to disturbance/nuisance to local population, no significant adverse cumulative effects anticipated with respect to population and land use will arise during construction or operation of this development. The construction of both projects will increase construction employment opportunities and may boost	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** None.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		the positive direct and indirect economic effects associated with these projects in the local area.		
		Electromagnetic Interference: No predicted cumulative impacts due to distance of development from proposed project.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** None.
		Airborne Noise & Vibration: Development set back from closest surface works associated with the proposed Project by considerable distance with no potential for cumulative noise or vibration impacts. No operational cumulative impacts predicted due to distance and underground rail line	**Airborne Noise & Vibration:** Not applicable	**Airborne Noise & Vibration:** None
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity: Potential for cumulative effects on downstream habitats arising from accidental pollution events during the construction or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss arising from extreme habitat degradation.	**Biodiversity**: Mitigation proposed in the EIAR and in the outline CEMP (Appendix A5.1) to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events.	**Biodiversity:** Not significant
		Climate: No significant cumulative impacts will occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase	**Climate:** Not applicable	**Climate:** Not Significant
		Air Quality: Due to distance from development there is no potential for significant impacts	**Air Quality:** Not applicable.	**Air Quality:** None.
		Hydrology: No significant cumulative impacts. However, potential for cumulative impact due to removal of any contaminated soils at the development. Application site is likely near stormwater discharge to River Dodder which ultimately discharges to the River Liffey at Dublin Bay.	**Hydrology:** Construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) and Chapter 20 (Soils & Geology) of the EIAR and outline CEMP (Appendix A5.1) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. In addition, specific mitigation measures will apply to the proposed development site. Identification of suitable disposal licenced sites for any potentially contaminated soil.	**Hydrology:** Imperceptible.
		Hydrogeology: No significant cumulative impacts. However, potential for cumulative impact due to accidental pollution/discharge to ground event during the construction and/or operation of this development on stormwater system to nearby Dodder River watercourse (and where groundwater potentially discharges to nearby surface water features) and hence potential impact on downstream habitats as identified. Short-term dewatering effects possible for lower-level construction/basements. Potential for local reduction in recharge to ground. Potential for cumulative impact due to removal of any contaminated/other soils at the development.	**Hydrogeology:** Mitigation proposed to protect local groundwater within development boundaries as well as surface water quality at nearby watercourses to same, during construction and operation of the proposed Project, will prevent groundwater and surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) and outline CEMP (Appendix A5.1) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats (South Dublin Bay SAC). In addition, specific mitigation measures will apply to the proposed development site. Recharge to ground where feasible as part of SuDS. Identification of suitable disposal licenced sites including for potentially contaminated soil.	**Hydrogeology:** Imperceptible.
		Soils & Geology: Development considered too far from the proposed Project to create any likelihood of cumulative impacts.	**Soils & Geology:** Not applicable.	**Soils & Geology:** Imperceptible.
		Land Take: None. The project is outside of the proposed Project permanent and temporary land-take boundaries.	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: Given the distance of this development from the proposed Project no cumulative effects are predicted to occur with respect to infrastructure and utilities during construction or operation of this project.	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** None.
		Agronomy: No predicted cumulative impacts due to distance of development from proposed project.	**Agronomy:** Not applicable.	**Agronomy:** None.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: No predicted cumulative impacts due to distance of development from proposed project.	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No predicted cumulative impacts due to distance of development from proposed project.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: No predicted cumulative impacts due to distance of development from proposed project.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** None.
311333	Savona Limited. Strategic Housing Development. 131 no. Build to Rent apartments and associated site works. Redcourt, Seafield Road East, Clontarf, Dublin 3	**Traffic & Transport:** No significant cumulative impact predicted	**Traffic & Transport:** Not applicable.	**Traffic & Transport:** Not Significant.
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: Given the distance of this development from the proposed Project, no significant cumulative effects on population and landuse are identified	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** None.
		Electromagnetic Interference: No predicted cumulative impacts due to distance of development from proposed project.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** None.
		Airborne Noise & Vibration: Development set back from closest surface works associated with the proposed Project by considerable distance with no potential for cumulative noise or vibration impacts. No operational cumulative impacts predicted due to distance and underground rail line	**Airborne Noise & Vibration:** Not applicable	**Airborne Noise & Vibration:** None
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity: Potential for cumulative effects on downstream habitats arising from accidental pollution events during the construction or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss arising from extreme habitat degradation.	**Biodiversity**: Mitigation proposed in the EIAR and in the outline CEMP (Appendix A5.1) to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events.	**Biodiversity:** Not significant
		Climate: No significant cumulative impacts will occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase	**Climate:** Not applicable	**Climate:** Not Significant
		Air Quality: Due to distance from development there is no potential for significant impacts	**Air Quality:** Not applicable.	**Air Quality:** None.
		Hydrology: No significant cumulative impacts. However, potential for cumulative impact on nearby drainage channels and connection with the River Tolka Estuary SPA to the southt for example, due to accidental pollution event during the construction and/or operation of this development and hence potential impact on downstream habitats. Potential for cumulative impact due to removal of any contaminated soils at the development.	**Hydrology:** Construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) and Chapter 20 (Soils & Geology) of the EIAR and outline CEMP (Appendix A5.1) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. In addition, specific mitigation measures will apply to the proposed development site. Identification of suitable disposal licenced sites for any potentially contaminated soil.	**Hydrology:** Imperceptible.
		Hydrogeology: No significant cumulative impacts. However, potential for cumulative impact due to accidental pollution/discharge to ground event during the construction and/or operation of this development on nearby watercourses (and where	**Hydrogeology:** Mitigation proposed to protect local groundwater within development boundaries as well as surface water quality at nearby watercourses to same, during construction and operation of the proposed Project, will prevent	**Hydrogeology:** Imperceptible.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		groundwater potentially discharges to nearby surface water features) and hence potential impact on downstream habitats as identified (including River Tolka Estuary SPA). Short-term dewatering effects possible for lower-level construction/basements. Potential for local reduction in recharge to ground. Potential for cumulative impact due to removal of any contaminated/other soils at the development.	groundwater and surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) and outline CEMP (Appendix A5.1) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. In addition, specific mitigation measures will apply to the proposed development site. Recharge to ground where feasible as part of SuDS. Identification of suitable disposal licenced sites including for potentially contaminated soil.	
		Soils & Geology: Development considered too far from the proposed Project to create any likelihood of cumulative impacts.	**Soils & Geology:** Not applicable.	**Soils & Geology:** Imperceptible.
		Land Take: None. The project is outside of the proposed Project permanent and temporary land-take boundaries.	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: Given the distance of this development from the proposed Project no cumulative effects are predicted to occur with respect to infrastructure and utilities during construction or operation of this project.	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** None.
		Agronomy: No predicted cumulative impacts due to distance of development from proposed project.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: No predicted cumulative impacts due to distance of development from proposed project.	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No predicted cumulative impacts due to distance of development from proposed project.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: No predicted cumulative impacts due to distance of development from proposed project.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** None.
312218	Silvermount Limited. Strategic Housing Development. Demolition of the existing structures on site, construction of 545 no. Build to Rent apartments, creche and associated site works. Six blocks from one to ten storeys. Lands at Concorde Industrial Estate, Naas Road, Walkinstown, Dublin 12.	**Traffic & Transport:** No significant cumulative impact predicted	**Traffic & Transport:** Not applicable.	**Traffic & Transport:** Not Significant.
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: Given the distance of this development from the proposed Project, no significant cumulative effects on population and landuse are identified	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** None.
		Electromagnetic Interference: No predicted cumulative impacts due to distance of development from proposed project.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** None.
		Airborne Noise & Vibration: Development set back from closest surface works associated with the proposed Project by considerable distance with no potential for cumulative noise or vibration impacts. No operational cumulative impacts predicted due to distance and underground rail line	**Airborne Noise & Vibration:** Not applicable	**Airborne Noise & Vibration:** None
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity: Potential for cumulative effects on downstream habitats arising from accidental pollution events during the construction or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss arising from extreme habitat degradation.	**Biodiversity**: Mitigation proposed in the EIAR and in the outline CEMP (Appendix A5.1) to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events.	**Biodiversity:** Not significant
		Climate:	**Climate:** Not applicable	**Climate:** Not Significant

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		No significant cumulative impacts will occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase		
		Air Quality: Due to distance from development there is no potential for significant impacts	**Air Quality:** Not applicable.	**Air Quality:** None.
		Hydrology: No significant cumulative impacts. However, potential for cumulative impact due to removal of any contaminated soils at the development. Application site is likely near stormwater discharge to Camac River which ultimately discharges to the River Liffey at Dublin Bay.	**Hydrology:** Construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) and Chapter 20 (Soils & Geology) of the EIAR and outline CEMP (Appendix A5.1) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. In addition, specific mitigation measures will apply to the proposed development site. Identification of suitable disposal licenced sites for any potentially contaminated soil.	**Hydrology:** Not significant/Imperceptible.
		Hydrogeology: No significant cumulative impacts. However, potential for cumulative impact due to accidental pollution/discharge to ground event during the construction and/or operation of this development on stormwater systems with connection to neaby watercourses including the Camac River (and where groundwater potentially discharges to nearby surface water features) and hence potential impact on downstream habitats as identified. Short-term dewatering effects possible for lower-level construction/basements. Potential for local reduction in recharge to ground. Potential for cumulative impact due to removal of any contaminated/other soils at the development.	**Hydrogeology:** Mitigation proposed to protect local groundwater within development boundaries as well as surface water quality at nearby watercourses to same, during construction and operation of the proposed Project, will prevent groundwater and surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) and outline CEMP (Appendix A5.1) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. In addition, specific mitigation measures will apply to the proposed development site. Recharge to ground where feasible as part of SuDS. Identification of suitable disposal licenced sites including for potentially contaminated soil.	**Hydrogeology:** Not significant/Imperceptible.
		Soils & Geology: Development considered too far from the proposed Project to create any likelihood of cumulative impacts.	**Soils & Geology:** Not applicable.	**Soils & Geology:** None.
		Land Take: None. The project is outside of the proposed Project permanent and temporary land-take boundaries.	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: Given the distance of this development from the proposed Project no cumulative effects are predicted to occur with respect to infrastructure and utilities during construction or operation of this project.	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** None.
		Agronomy: No predicted cumulative impacts due to distance of development from proposed project.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: No predicted cumulative impacts due to distance of development from proposed project.	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No predicted cumulative impacts due to distance of development from proposed project.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: No predicted cumulative impacts due to distance of development from proposed project.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** None.
310418	The Shoreline Partnership Strategic Housing Development. The proposed development will consist of the alteration of permitted development, as permitted under FCC Reg. Ref. F16A/0412, Reg. Ref. 248970, as amended, with development now proposed for 882 no.	**Traffic & Transport:** No significant cumulative impact predicted	**Traffic & Transport:** Not applicable.	**Traffic & Transport: Not Significant.**
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: Given the distance of this development from the proposed Project, no significant cumulative effects on population and landuse are identified	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** None.
		Electromagnetic Interference: No predicted cumulative impacts due to distance of development from proposed project.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** None.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
	residential dwellings (747 apartments, 135 houses) Lands formerly known as the Coast, Baldoyle, Dublin 13	**Airborne Noise & Vibration:** Development set back from closest surface works associated with the proposed Project by considerable distance with no potential for cumulative noise or vibration impacts. No operational cumulative impacts predicted due to distance and underground rail line	**Airborne Noise & Vibration:** Not applicable	**Airborne Noise & Vibration:** None
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity: Potential for cumulative effects on downstream habitats arising from accidental pollution events during the construction or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss arising from extreme habitat degradation.	**Biodiversity**: Mitigation proposed in the EIAR and in the outline CEMP (Appendix A5.1) to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events.	**Biodiversity:** Not significant
		Climate: No significant cumulative impacts will occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase	**Climate:** Not applicable	**Climate:** Not Significant
		Air Quality: Due to distance from development there is no potential for significant impacts	**Air Quality:** Not applicable.	**Air Quality:** None.
		Hydrology: No significant cumulative impacts. However, potential for cumulative impact on nearby drainage channels and connection with the River Mayne to the north for example, due to accidental pollution event during the construction and/or operation of this development and hence potential impact on downstream habitats including Baldoyle Estuary Nature Reserve. Potential for cumulative impact due to removal of any contaminated soils at the development.	**Hydrology:** Construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) and Chapter 20 (Soils & Geology) of the EIAR and outline CEMP (Appendix A5.1) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. In addition, specific mitigation measures will apply to the proposed development site. Identification of suitable disposal licenced sites for potentially contaminated soil.	**Hydrology:** Not significant/IImperceptible.
		Hydrogeology: No significant cumulative impacts envisaged however potential for cumulative impact due to removal of any contaminated soils at the development site. Short-term dewatering effects possible for basement extension construction/lower level excavations. Potential for local reduction in recharge to ground.	**Hydrogeology:** Construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) and Chapter 20 (Soils & Geology) of the EIAR and outline CEMP (Appendix A5.1)with due cognisance of the hydraulic connectivity potential with bedrock in the area as well as with downstream sensitive ecological habitats. In addition, specific mitigation measures will apply to the proposed development site. Identification of suitable disposal licenced sites for potentially contaminated soil. Recharge to ground where feasible as part of SuDS.	**Hydrogeology:** Not significant/Imperceptible.
		Soils & Geology: Development considered too far from the proposed Project to create any likelihood of cumulative impacts..	**Soils & Geology:** Not applicable.	**Soils & Geology:** Imperceptible.
		Land Take: None. The project is outside of the proposed Project permanent and temporary land-take boundaries.	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: Given the distance of this development from the proposed Project no cumulative effects are predicted to occur with respect to infrastructure and utilities during construction or operation of this project.	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** None.
		Agronomy: No predicted cumulative impacts due to distance of development from proposed project.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: No predicted cumulative impacts due to distance of development from proposed project.	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No predicted cumulative impacts due to distance of development from proposed project.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: No predicted cumulative impacts due to distance of development from proposed project.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** None.
311016	The Shoreline Partnership.	**Traffic & Transport:** No significant cumulative impact predicted	**Traffic & Transport:** Not applicable.	**Traffic & Transport: Not Significant.**

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
	Strategic Housing Development. The proposed development will consist of the development of 1,221 no. residential apartment/duplex dwellings in 11 no. blocks ranging in height from 2 to 15 storeys. Lands at Baldoyle/Stapolin, Dublin 13.	**Human Health:** Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: Given the distance of this development from the proposed Project, no significant cumulative effects on population and landuse are identified.	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** None.
		Electromagnetic Interference: No predicted cumulative impacts due to distance of development from proposed project.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** None.
		Airborne Noise & Vibration: Development set back from closest surface works associated with the proposed Project by considerable distance with no potential for cumulative noise or vibration impacts. No operational cumulative impacts predicted due to distance and underground rail line	**Airborne Noise & Vibration:** Not applicable	**Airborne Noise & Vibration:** None
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity: Potential for cumulative effects on downstream habitats arising from accidental pollution events during the construction or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss arising from extreme habitat degradation.	**Biodiversity**: Mitigation proposed in the EIAR and in the outline CEMP (Appendix A5.1) to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events.	**Biodiversity:** Not significant
		Climate: No significant cumulative impacts will occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase	**Climate:** Not applicable	**Climate:** Not Significant
		Air Quality: Due to distance from development there is no potential for significant impacts	**Air Quality:** Not applicable.	**Air Quality:** None.
		Hydrology: No significant cumulative impacts. However, potential for cumulative impact on nearby drainage channels and connection with the River Mayne to the north for example, due to accidental pollution event during the construction and/or operation of this development and hence potential impact on downstream habitats including Baldoyle Estuary Nature Reserve. Potential for cumulative impact due to removal of any contaminated soils at the development.	**Hydrology:** Construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) and Chapter 20 (Soils & Geology) of the EIAR and outline CEMP (Appendix A5.1) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. In addition, specific mitigation measures will apply to the proposed development site. Identification of suitable disposal licenced sites for potentially contaminated soil.	**Hydrology:** Not significant/Imperceptible.
		Hydrogeology: No significant cumulative impacts envisaged however potential for cumulative impact due to removal of any contaminated soils at the development site. Short-term dewatering effects possible for basement extension construction/lower level excavations. Potential for local reduction in recharge to ground.	**Hydrogeology:** Construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) and Chapter 20 (Soils & Geology) of the EIAR and outline CEMP (Appendix A5.1)with due cognisance of the hydraulic connectivity potential with bedrock in the area as well as with downstream sensitive ecological habitats. In addition, specific mitigation measures will apply to the proposed development site. Identification of suitable disposal licenced sites for potentially contaminated soil. Recharge to ground where feasible as part of SuDS.	**Hydrogeology:** Not significant/Imperceptible.
		Soils & Geology: Development considered too far from the proposed Project to create any likelihood of cumulative impacts.	**Soils & Geology:** Not applicable.	**Soils & Geology:** Imperceptible.
		Land Take: None. The project is outside of the proposed Project permanent and temporary land-take boundaries.	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: Given the distance of this development from the proposed Project no cumulative effects are predicted to occur with respect to infrastructure and utilities during construction or operation of this project.	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** None.
		Agronomy: No predicted cumulative impacts due to distance of development from proposed project.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.		
		Archaeology & Cultural Heritage: No predicted cumulative impacts due to distance of development from proposed project.	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No predicted cumulative impacts due to distance of development from proposed project.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: No predicted cumulative impacts due to distance of development from proposed project.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** None.
312102	Viridis Real Estate Services Limited and Prussia Properties Limited. Strategic Housing Development. Demolition of industrial sheds and workshops, construction of 236 no. student bedspaces and associated site.works. Three blocks ranging from five to seven storeys. No's. 29b, 30 and 31 Prussia Street, Dublin 7.	**Traffic & Transport:** No significant cumulative impact predicted	**Traffic & Transport:** Not applicable.	**Traffic & Transport: Not Significant.**
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: With no significant cumulative environmental or traffic / transport related effects identified that could give rise to disturbance/nuisance to local population, no significant adverse cumulative effects anticipated with respect to population and land use will arise during construction or operation of this development. The construction of both projects will increase construction employment opportunities and may boost the positive direct and indirect economic effects associated with these projects in the local area.	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** None.
		Electromagnetic Interference: Development considered too small scale or too far from the proposed Project to create any likelihood of cumulative impacts.	**Electromagnetic Interference:** Not applicable.	**Electromagnetic Interference:** None.
		Airborne Noise & Vibration: Development set back from closest surface works associated with the proposed Project by considerable distance with no potential for cumulative noise or vibration impacts. No operational cumulative impacts predicted due to distance and underground rail line	**Airborne Noise & Vibration:** Not applicable	**Airborne Noise & Vibration:** None
		Groundborne Noise & Vibration: Development considered too small scale or too far from the proposed Project to create any likelihood of cumulative impacts.	**Groundborne Noise & Vibration:** Not applicable.	**Groundborne Noise & Vibration:** None.
		Biodiversity: Potential for cumulative effects on downstream habitats arising from accidental pollution events during the construction or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss arising from extreme habitat degradation.	**Biodiversity**: Mitigation proposed in the EIAR and in the outline CEMP (Appendix A5.1) to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events.	**Biodiversity:** Not significant
		Climate: No significant cumulative impacts will occur with respect to climate during construction of this development. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase	**Climate:** Not applicable	**Climate:** Not Significant
		Air Quality: Due to distance from development there is no potential for significant impacts	**Air Quality:** Not applicable.	**Air Quality:** None.
		Hydrology: No significant cumulative impacts envisaged. However, potential for cumulative impact on nearby drainage channels and connection with the River Liffey to the south for example, due to accidental pollution event during the Construction Phase and hence potential impact on downstream habitats including Dublin Bay. Potential for cumulative impact due to removal of any contaminated soils/waste products at the site.	**Hydrology:** Mitigation proposed to protect surface water quality at identified receiving watercourses including the River Liffey during construction and operation of the proposed Project, will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) and outline CEMP (Appendix A5.1) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. In addition, specific mitigation measures will apply to the proposed development site. Identification of suitable disposal licenced sites for contaminated soil/waste material following guidelines in the outline CEMP (Appendix A5.1) and specific to proposed development site.	**Hydrology:** Imperceptible.
		Hydrogeology: No significant cumulative impacts. However, potential for cumulative impact due to accidental pollution/discharge to ground event during the construction and/or operation of this development on the River Liffey to the south and hence potential impact on downstream habitats as identified. Potential short-term dewatering effects possible for lower-level construction/basements.	**Hydrogeology:** Mitigation proposed to protect local groundwater within development boundaries as well as surface water quality at nearby watercourses to same, during construction and operation of the proposed Project, will prevent groundwater and surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) and	**Hydrogeology:** Imperceptible.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Potential for cumulative impact due to removal of any contaminated/other soils/(industrial) waste material at the development.	outline CEMP (Appendix A5.1) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. In addition, specific mitigation measures will apply to the proposed development site. Identification of suitable disposal licenced sites including for potentially contaminated soil/waste materials associated with historical use at the Application site.	
		Soils & Geology: No predicted cumulative impacts due to distance of development from proposed project.	**Soils & Geology:** Not applicable.	**Soils & Geology:** None.
		Land Take: None. The project is outside of the proposed Project permanent and temporary land-take boundaries.	**Land Take:** Not applicable.	**Land Take:** None.
		Infrastructure & Utilities: Given the distance of this development from the proposed Project no cumulative effects are predicted to occur with respect to infrastructure and utilities during construction or operation of this project.	**Infrastructure & Utilities:** Not applicable.	**Infrastructure & Utilities:** None.
		Agronomy: No predicted cumulative impacts due to distance of development from proposed project.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not significant
		Archaeology & Cultural Heritage: No predicted cumulative impacts due to distance of development from proposed project.	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None.
		Architectural Heritage: No predicted cumulative impacts due to distance of development from proposed project.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: No predicted cumulative impacts due to distance of development from proposed project.	**Landscape & Visual:** Not applicable.	**Landscape & Visual:** None.
310145	Fingal County Council R132 Connectivity Project. A proposal to improve connectivity for pedestrians and cyclists across and along the R132. Along existing R132 situated between Lissenhall Interchange and Pinnock Hill Junction, to the east of Swords Town Centre, Co. Dublin	**Traffic & Transport:** Construction and Operational assessments have been undertaken on the basis that R132 Connectivity Project is already complete before Project begins- i.e. this forms the baseline receiving environment, Therefore, no cumulative impact is anticipated.	**Traffic & Transport:** Not applicable.	**Traffic & Transport:** None.
		Human Health: Human health assessment discussed within Chapter 30 (Cumulative Impacts of Interactions with Other Projects) in Section 30.4.2.	**Human Health:** Not applicable.	**Human Health:** Not Significant.
		Population & Land-Use: R132 Connectivity Project works will be complete prior to the construction of Metrolink. Therefore, environmental effects are not considered to arise, nor will there be disruption to the local transport network. Cumulative effects on population and land use – such as on residential amenity and commercial viability, therefore not anticipated. The construction of both projects will increase construction employment opportunities and may boost the positive direct and indirect economic effects associated with these projects in the local area.	**Population & Land-Use:** Not applicable.	**Population & Land-Use:** None.
		Electromagnetic Interference: No significant cumulative effects predicted to occur with respect to electromagnetic radiation during construction or operation of this development.	**Electromagnetic Interference:** Not applicable	**Electromagnetic Interference:** Imperceptible
		Airborne Noise & Vibration: Construction and Operational assessments have been undertaken on the basis that R132 Connectivity Project is already complete before Project begins- i.e. this forms the basis for traffic modelling which is assessed in the noise impact assessment of the MetroLink EIAR, Therefore, no cumulative impact anticipated.	**Airborne Noise & Vibration:** Not applicable	**Airborne Noise & Vibration:** None
		Groundborne Noise & Vibration: Sources of groundborne noise and vibration will not have a significant effect beyond the boundaries of the site	**Groundborne Noise & Vibration:** Not applicable	**Groundborne Noise & Vibration:** None.
		Biodiversity: Potential for cumulative impacts on habitats and species as a result of direct habitat loss arising from the construction of the proposed Project.	**Biodiversity**: Mitigation proposed in Chapter 15 (Biodiversity) to minimise habitat loss and retain vegetation during the Construction Phase of the proposed Project will mitigate potential cumulative impacts on habitats and species. Nonetheless, the effects of	**Biodiversity:** Habitat loss: Significant at the local geographic scale and permanent

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Potential for cumulative impacts on downstream habitats arising from accidental pollution events during the construction and/or operation of these developments. Accidental pollution events could result in habitat degradation, and habitat loss from extreme habitat degradation. Increased disturbance effects arising from the operational stages may act cumulatively to permanently displace fauna from the locality. There is potential for cumulative mortality effects on fauna species during the operational phases. There is potential for cumulative habitat severance/barrier effects on fauna arising from the operation of new infrastructure developments	habitat loss will remain significant at the local geographic scale for the habitats depositing / lowland rivers (FW2), drainage ditches (FW4), species-rich dry calcareous grassland (GS1), wet grassland (GS4), (mixed) broadleaved woodland (WD1), mixed conifer woodland (WD3), scattered trees and parkland (WD5), hedgerows (WL1), treelines (WL2) and immature woodland (WS2), and for the breeding bird species yellowhammer. Mitigation proposed in Chapter 15 (Biodiversity) and Chapter 18 (Hydrology) of the EIAR and in the outline CEMP in Appendix A5.1 to protect surface water quality during construction and operation of the proposed Project will prevent surface water pollution events. Mitigation proposed in Chapter 15 (Biodiversity) to reduce disturbance impacts on fauna species during the Construction Phase of the proposed Project will mitigate potential cumulative impacts on fauna species. Mitigation proposed in Chapter 15 (Biodiversity) to reduce mortality of fauna species during construction and operation of the proposed Project will mitigate potential cumulative impacts on fauna species Mitigation proposed in Chapter 15 (Biodiversity) to reduce habitat severance/barrier effects on fauna species during construction and operation of the proposed Project will mitigate potential cumulative impacts on fauna species.	Surface water: Not Significant. Disturbance: Not significant Mortality: Not significant Habitat severance/barrier effects: Not Significant.
		Air Quality: Construction Phase assessment has been undertaken on the basis that R132 Connectivity Project is already complete before Project begins therefore no cumulative impacts are predicted during the Construction Phase. The proposed development includes this potential work for the Operational Phase and therefore it is cumulatively assessed within the air quality assessment.	**Air Quality:** Not applicable.	**Air Quality**: Not Significant.
		Climate: The proposed development is included within the traffic assessment for the Operational Phase and therefore it is cumulatively assessed within the traffic assessment with respect to climate. The proposed Project will provide a sustainable transport solution and facilitate compact growth and less reliance on private transport. The cumulative impact has the potential to be beneficial with respect to Irelands ability to achieve future GHG emission targets during Operational Phase.	**Climate**: Not applicable.	**Climate**: Not Significant.
		Hydrology: No significant cumulative impacts envisaged. However, potential for some cumulative impact on nearby drainage channels and connection with watercourses along the proposed connectivity project including the Staffordstown, Broadmeadow and Ward rivers, and Gaybrook Stream (North) which are crossed by/ in close proximity to the project, as well as drainage linkages to the nearby Seapoint and Greenfields water courses for example, due to accidental pollution event during the Construction Phase and hence potential impact on downstream habitats including Malahide Estuary. Potential for cumulative impact due to removal of any contaminated subsoils along the development site albeit at limited excavated depths.	**Hydrology:** Mitigation proposed to protect surface water quality at identified receiving watercourses, as those mentioned, during construction and operation of the proposed Project, will prevent surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 18 (Hydrology) and outline CEMP (Appendix A5.1) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. In addition, specific mitigation measures will apply to the proposed [linear] development along the existing R132. Identification of suitable disposal licenced sites for contaminated subsoil material, if and where encountered, and following guidelines in the outline CEMP (Appendix A5.1) and specific to proposed development.	**Hydrology:** Imperceptible.
		Hydrogeology: No significant cumulative impacts envisaged due primarily to the limited excavation depths likely associated with the development. However, potential for cumulative impact due to accidental pollution/discharge to ground event during the construction and/or operation of this development on nearby watercourses as those mentioned under 'Hydrology' and hence potential impact on downstream habitats as identified, and in areas of High groundwater vulnerability including at Lissenhall. Potential for cumulative impact due to removal of any contaminated soil material as part of the development.	**Hydrogeology:** Mitigation proposed to protect local groundwater within development boundaries as well as surface water quality at nearby identified watercourses to same, during construction and operation of the proposed Project, will prevent groundwater and surface water pollution events. Specifically, construction will be in line with the mitigation measures defined within Chapter 19 (Hydrogeology) and outline CEMP (Appendix A5.1) with due cognisance of the hydraulic connectivity potential to downstream sensitive ecological habitats. In addition, specific mitigation measures will apply to the proposed development site. Identification of suitable disposal licenced sites including for potentially contaminated subsoils at the Application site.	**Hydrogeology:** Imperceptible.
		Soils & Geology:	**Soils & Geology:**	**Soils & Geology:** Slight / Imperceptible.

Application Reference	Applicant for 'Other Development' and Brief Description	Assessment of Cumulative Impact with proposed Project	Proposed Mitigation Measures	Residual Cumulative Impact
		Areas of construction for the R132 Connectivity Project and the proposed Project will overlap geographically, potential for cumulative effects from settlement if works coincide in duration, also potential cumulative effects from alteration of source-pathway-receptor linkages relating to areas of made ground and potential contamination in the Swords area. Potential for permanent additional loss of soil from this development as well as that from cut operations and station construction for the proposed Project along the R132 corridor. Effect is likely to be low adverse (loss of an area of low fertility/ use and hence low importance urban soils).	Potential cumulative effects relating to land contamination will need to be defined based on the extent and nature of the works. Proposed mitigation for settlement could include negotiation to ensure works are not undertaken concurrently or potentially ground treatment to reduce likelihood of settlement. Mitigation may not be possible for loss of local soils given nature of development, although dependent on development of a soil reuse strategy for the scheme.	
		Land Take: Potential for overlap in land take boundaries along the R132.	**Land Take:** Engagement with Fingal County Council regarding land take requirements.	**Land Take:** Not Significant.
		Infrastructure & Utilities: Potential for cumulative effects on infrastructure and utilities along the R132.	**Infrastructure & Utilities:** Proposed mitigation could include negotiation to ensure works are not undertaken concurrently. All utility diversions and new connections will be agreed with the relevant service providers. Designs for utility diversions have already been agreed in principle with the relevant utility providers and design refinement will be subject to further consultation. The duration of any service outage will be finalised with the relevant utility providers.	**Infrastructure & Utilities:** Not Significant
		Agronomy: No cumulative impacts are predicted for agronomy due to the nature of the development.	**Agronomy:** Not applicable.	**Agronomy:** None.
		Material & Waste Management: At Construction Phase, any scheme undertaken in the area would have a cumulative effect with the proposed Project in terms of material demand and offsite waste management capacity. Most significant cumulative effect is likely to be a reduction to landfill capacity.	**Material & Waste Management:** No additional mitigation measures beyond those proposed in Chapter 24 (Material and Waste Management)	**Material & Waste Management:** Not Significant
		Archaeology & Cultural Heritage: No predicted cumulative impacts due to the low impact on the proposed development and the already highly disturbed nature of the development area.	**Archaeology & Cultural Heritage:** Not applicable.	**Archaeology & Cultural Heritage:** None
		Architectural Heritage: No predicted cumulative impacts.	**Architectural Heritage:** Not applicable.	**Architectural Heritage:** None.
		Landscape & Visual: The permitted R132 project construction areas run adjacent to the proposed Project alignment for virtually all of the R132 project route, from Balheary Park southwards to Pinnock Hill and these may overlap in places – this potentially creates negative cumulative construction effects. However, the R132 project is expected to commence and be completed substantially in advance of the proposed Project. As such the R132 project will essentially form part of the receiving environment for the proposed Project construction. Consequently, the construction phase assessment for this section of the proposed Project has been undertaken on this basis and therefore no cumulative construction effects are anticipated. Operationally, the proposed Project is designed to integrate with the R132 project (as permitted) and in tandem, would be expected to extend and intensify the landscape and/or visual effects of the R132 project. This would be expected to cause positive cumulative effects.	**Landscape & Visual:** Construction Phase: Currently not applicable as R132 project expected to be complete substantially in advance of proposed Project commencement, (dependent on relative project construction programmes being maintained). Operational Phase: The primary mitigation proposed in Chapter 27 (Landscape & Visual), Section 27.6.1 and in particular, the design integration with the permitted R132 scheme (and other adjacent areas), in respect of hard and soft landscape proposals which support and extend the pedestrian and cycle connectivity of the R132 project. In addition, the secondary mitigation proposed in Chapter 27 (Landscape & Visual), Section 27.6.3 in respect of the detail and agreement required to ensure effective establishment and the proper sustainable management of the completed proposed Project.	**Landscape & Visual:** Construction Phase: None Operational Phase: Significant and Positive