

APPROPRIATE ASSESSMENT SCREENING REPORT

for

**1-8 TYRRELL PLACE
MOUNTJOY, DUBLIN 1**

Prepared for

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1.0 INTRODUCTION

1.1 Background

Ross Macklin PhD (Candidate) BSc (Hons) Applied Ecology HDip GIS Dip IPM MCIEEM IFM of Triturus Environmental Ltd. is an environmental scientist specialising in freshwater and fisheries ecology, and prepared this Appropriate Assessment (AA) screening report for Kenneth Hennessy Architects Ltd. on behalf of Dublin City Council ('competent authority').

The Appropriate Assessment (AA) screening is being undertaken for proposed demolition and rebuild works at 1-8 Tyrrell Place, Mountjoy, Dublin 1. The proposed development will be submitted as a Part 8 planning application. The proposed works involve the following:

- Partial demolition of existing buildings, excluding existing Southeast (front) and Southwest (side) external walls;
- Demolition of existing rear extensions and rear boundary wall;
- Repairs to existing Southeast (front) and Southwest (side) elevations including;
- Construction of new steps and access ramp to the South of the building new windows, doors and roofs;
- Reinstatement of one no. new two-storey dwelling, with one-storey rear extension, at No. 1 Tyrrell Place;
- Reinstatement of seven no. new two-storey dwellings, with two-storey rear extensions, at Nos. 2 to 8 Tyrrell Place;
- Reconstruction of rear boundary wall;
- Associated drainage, site boundary and site development works.

This report, and the best available scientific information contained within, is intended to determine whether or not the works, either individually or in combination with other plans or projects, are likely to have a significant effect on areas designated as being of European importance for nature conservation (i.e. 'Natura 2000' or European sites). This report provides information to enable the competent authority to perform screening for AA, thereby enabling the competent authority to comply with Article 6(3) of Council Directive 92/43/EEC on the conservation of natural habitats and of wild fauna and flora ('Habitats Directive'), in addition to the *European Communities (Birds and Natural Habitats) Regulations 2011-2015*.

To evaluate the potential impact(s) of the proposed demolishment and rebuild works on the European sites, all sites located within a 15km radius of the works, or those which are ecologically linked, were considered. Please note that whilst a 15km buffer is recommended for plans, there is no ordinance for buffer size (EPA, 2009). However, the applied 15km radius provides a robust target to screen in European sites which could potentially be impacted when considered in isolation or in combination with others plans and projects.

The proposed works area at 1-8 Tyrrell Place, Mountjoy, Dublin 1 is not located within or directly contiguous to any European site and does not contain any hydrological connection to any European site.

The proposed demolition and rebuild works at 1-8 Tyrrell Place, will not increase loadings to the existing foul sewer network according to the Drainage Design Report prepared by Mable Consulting Engineers (Mable, 2022). Therefore, indirect foul water contamination risks to Natura 2000 sites are not considered likely.

Seventeen European sites fall within a 15km buffer of the proposed development site (see Figure 4.1 below), namely:

- South Dublin Bay and Tolka Estuary SPA (004024)
- South Dublin Bay SAC (000210)
- North Bull Island SPA (004006)
- North Dublin Bay SAC (000206)
- Baldoyle Bay SAC (000199)
- Baldoyle Bay SPA (004016)
- Howth Head SAC (000202)
- Rockabill to Dalkey Island SAC (003000)
- Malahide Estuary SAC (000205)
- Malahide Estuary SPA (004025)
- Howth Head SPA (004113)
- Ireland's Eye SAC (002193)
- Glenasmole Valley SAC (001209)
- Ireland's Eye SAC (002193)
- Wicklow Mountains SAC (002122)
- Wicklow Mountains SPA (004040)
- Dalkey Islands SPA (004172)

1.2 Need for Appropriate Assessment and Legislative Requirements

Special Areas of Conservation (SACs) and Special Protection Areas for birds (SPAs) are sites that form part of a network, known as Natura 2000 sites, to be designated across Europe in order to protect biodiversity within the EU. SACs are designated under the *EU Habitats Directive (92/43/EEC)*, as transcribed into Irish law by the *European Communities (Natural Habitats) Regulations, 1997*, while SPAs are designated under the *EU Birds Directive (79/4089/EEC)*, as amended and codified in 2009/147/EC. The *European Communities (Birds and Natural Habitats) Regulations, 2011 (S.I. 477/2011)* revoked the 1997 Regulations (and amendments) as well as the *European Communities (Birds and Natural Habitats) (Control of Recreational Activities) Regulations 2010*. The purpose of the 2011 Regulations was to address transposition failures identified in the Court of Justice of the European Union (CJEU) judgements. Following additional amendments in 2013 (S.I. 499/2013) and 2015 (S.I. 355/2015) the regulations are now cited as the *European Communities (Birds and Natural Habitats) Regulations 2011-2015*.

Article 6(3) of the *EU Habitats Directive* states that: “Any plan or project not directly connected with or necessary to the management of the [Natura 2000] site but likely to have a significant effect thereon, either individually or in combination with other plans or projects, shall be subject to appropriate assessment of its implications for the site in view of the site’s conservation objectives.” Such an assessment is known as an Appropriate Assessment (AA). This provision is transposed into Irish legislation by Part XAB of the *Planning and Development Act 2000* (as amended), Section 177U(4) of which provides for AA screening as follows: “The competent authority shall determine that an appropriate assessment of [...] a proposed development [...] is required if it cannot be excluded, on the basis of objective information, that the [...] development, individually or in combination with other plans or projects, will have a significant effect on a European site.”

Further guidance on AA is provided by the European Commission (2000) and the Department of the Environment, Heritage and Local Government (DEHLG) (2009). The stages of the Appropriate Assessment for the proposed development at 1-8 Tyrrell Place, Mountjoy, Dublin 1 are described in the methodology section below.

2.0 METHODOLOGY

2.1 Guidance

This report has been prepared using the following guidance documents:

- DEHLG (2009, rev. 2010). *Appropriate Assessment of Plans and Projects in Ireland - Guidance for Planning Authorities*.
- EPA (2013). *Integrated Biodiversity Impact Assessment – Streamlining AA, SEA and EIA Processes: Practitioner’s Manual*. STRIVE Report Series No. 106 EPA STRIVE Programme 2007–2013. Prepared for the Environmental Protection Agency by Ainhoa González.
- European Commission (2000). *Managing Natura 2000 Sites: The Provisions of Article 6 of the Habitat’s Directive 92/43/EEC* (2000 and updated draft April 2015).
- European Commission (2021). *Assessment of Plans and Projects Significantly Affecting Natura 2000 sites: Methodological Guidance on the Provisions of Article 6(3) and (4) of the Habitats Directive 92/43/EEC*.
- European Commission (2007). *Guidance Document on Article 6(4) of the ‘Habitats Directive’ 92/43/EEC. Clarification of the Concepts of Alternative Solutions, Imperative Reasons of Overriding Public Interest, Compensatory Measures, Overall Coherence. Opinion of the European Commission*.
- European Commission (2018). *Managing Natura 2000 sites: The provisions of Article 6 of the ‘Habitats’ Directive 92/43/EEC. Commission notice, November 2018*.
- Fry & Scott (2011). *Developing IBIA: A standardised AA review package. In Impact Assessment and Responsible Development for Infrastructure, Business & Industry: 31st Annual meeting of IAIA, Puebla, Mexico (Vol. 29)*.
- Möckel, S. (2017). *The European ecological network “Natura 2000” and the appropriate assessment for projects and plans under Article 6(3) of the Habitats Directive*. In: Möckel S (Ed.) *Natura 2000 appropriate assessment and derogation procedure – legal requirements in the light of European and German case-law*. *Nature Conservation* 23: 1–29.

- NPWS (2010). *Appropriate Assessment under Article 6 of the Habitats Directive: Guidance for Planning Authorities*. Circular NPW 1/10 & PSSP 2/10.
- NPWS (2019a), *The Status of EU Protected Habitats and Species in Ireland. Habitat Assessments Volume 2*. Unpublished Report, National Parks and Wildlife Services. Department of Arts, Heritage and the Gaeltacht, Dublin, Ireland. Edited by: Deirdre Lynn and Fionnuala O'Neill;
- NPWS (2019b), *The Status of EU Protected Habitats and Species in Ireland. Species Assessments Volume 3*. Unpublished Report, National Parks and Wildlife Services. Department of Arts, Heritage and the Gaeltacht, Dublin, Ireland. Edited by: Deirdre Lynn and Fionnuala O'Neill;
- OPR (2021) OPR Practice Note PNo1 Appropriate Assessment Screening for Development Management;
- Recent Irish and European case law on the Habitats Directive.
- *The European Communities (Birds and Natural Habitats) Regulations 2011* as amended.
- *The Planning and Development Act 2000* (as amended).
- *The Planning and Development Regulations 2001* (as amended).

2.2 Appropriate Assessment Methodology

The screening process to facilitate appropriate assessment has four main steps (after European Commission, 2001) (Table 2.1). This methodology was followed in preparation of this report.

Table 2.1: Stages in the Appropriate Assessment process (after DEHLG, 2009, rev. 2010)

Stage 1:	Screening for Appropriate Assessment
Stage 2:	Appropriate Assessment
Stage 3:	Alternative solutions
Stage 4:	Imperative Reasons of Overriding Public Interest (IROPI)

The aforementioned guidance documents set out a staged approach for undertaking the Appropriate Assessment (AA) process, the first stage of which is referred to as 'screening'. This stage identifies the likely significant impacts on European sites, if any, which would arise from a proposed plan or project either alone or in combination with other plans and projects.

If the conclusions at the end of screening are that there is no likelihood of significant effects occurring on any European sites as a result of the proposed plan or project, either alone or in combination with other plans and projects, then there is no requirement to undertake AA. However, even if screening makes a finding of no significant effects, and therefore concludes that AA is not required, these findings must be clearly documented in order to provide transparency of decision-making, and to ensure the application of the so-called 'precautionary principle'.

Screening for AA involves the following:

- Determining whether a project or plan is directly connected with or necessary to the conservation management of any European sites;
- Describing the details of the project/plan proposals and other plans or projects that may cumulatively affect any European sites;
- Describing the characteristics of relevant European sites; and
- Appraising likely significant effects of the proposed project or plan on relevant European sites.

2.3 Desktop Study

In order to complete the Screening for Appropriate Assessment, certain information on the existing environment is required. A desktop study was carried out to collate available information on the site's existing environment. This comprised a review of the following publications, data sources and datasets:

- Dublin City Development Plan 2016-2022
- Draft Dublin City Development Plan 2022-2028
- Dublin City Council Planning Enquiry System
- Esri ArcGIS, data extracted and reproduced under Licence by The Planning Partnership May 2022
- National Parks and Wildlife Service (NPWS) website and metadata available (<http://webgis.npws.ie/npwsviewer/>)
- OSI Aerial photography and 1:50,000 mapping
- National Biodiversity Data Centre (NBDC) (on-line map-viewer available at <https://maps.biodiversityireland.ie/Map>)
- BirdWatch Ireland website
- Environmental Protection Agency (EPA) (online mapviewer available at <https://gis.epa.ie/EPAMaps/>)
- Teagasc soil area maps (via NBDC online map-viewer)
- Geological Survey Ireland (GSI) area maps (online mapviewer available at

3.0 DEVELOPMENT DESCRIPTION

This Appropriate Assessment screening report has been prepared in light of the proposed demolition and rebuild works at 1-8 Tyrrell Place, Mountjoy, Dublin 1 (Figure 3.1).

In summary, the proposed development works at 1-8 Tyrrell Place, Mountjoy, Dublin 1 will require the following works according to Kenneth Hennessy Architects (drawing number: 2129 KHA ZZ XX DR A P 1100 S01 P):

- Existing buildings, with the exception of the front and side external walls, to be demolished. Existing elevation features to be retained and wall repaired;
- New pitched roof to comprise blue/black slate to match existing, on timber battens on felt on insulated timber roof structure;
- New flat roof to comprise roof membrane over insulation on deck and timber joists;
- All ceilings to be insulated and finished with foil-backed plasterboard;
- New ground floor to consist of cast in situ concrete slab over rigid floor insulation on radon barrier, sand blinding and well compacted hardcore;
- New external walls to rear to be cavity wall construction with rigid insulation. Blockwork external leaf to be rendered and painted to a selected colour. Internal leaf to be plastered and painted. All load bearing walls supported on foundations to Engineer's design;
- All external doors and windows to be selected uPVC double glazed with precast concrete / or existing stone cills on front elevation. All glazing to be low emissivity K glass to comply with TGD Part L Building 2019;
- Storm drainage to be 100 diameter wavin laid to 1:150 minimum fall. Surface drainage to discharge to public system;
- Foul Drainage laid to 1:60 approx. fall to discharge to existing public sewer;
- Existing front elevations are to be retained and repaired.

The foul water drainage load will not increase from the existing current discharge loadings from the 1-8 Tyrrell Place development. The proposed arrangement of 1 bed dwellings compared to the existing arrangement of 2 bed dwellings will mean there will be a reduction in foul discharge volumes. The exiting peak design flow has been calculated to be 0.25l/s. The proposed peak design flow has been calculated to be 0.16l/s. This represents a 33% reduction in foul peak flowrates and an overall reduction in the volume of foul water discharging from the site. (Mable, 2022.)

The design proposal is to provide SuDS measures in the form of surface water attenuation storage on the proposed flat roofs. This attenuation storage will be for the rear section of the pitched roof and all of the flat roof. The front section of the pitched roof will connect to the public sewer via down pipes and gully connections. (Mable, 2022.)

The site is not accessible by vehicles and so there is no risk of pollution from vehicles entering surface water. All surface water generated is at roof level. Connecting the front roof drainage directly to the underground drainage reduces the risk of this surface water becoming contaminated from possible public road pollution. (Mable, 2022.)

Figure 3.1: Overview of the proposed works area at 1-8 Tyrrell Place, Mountjoy, Dublin 1



Source: ArcGIS, Annotated and Reproduced under Licence by The Planning Partnership May 2022

4.0 STAGE ONE - SCREENING REPORT

4.1 Brief Description of Existing Site

The landscape of the study area is urban in nature, with land use classifications for the surrounding area as defined by the 2018 CORINE landcover dataset are: 111 Continuous urban fabric.

Bedrock geology within the study area comprises Dinatian dark limestone and shale, as part of the Lucan Formation, according to the Geological Survey of Ireland. The site is situated in an area of low groundwater vulnerability (lowest risk category on scale) indicating a very low risk of contamination of Natura sites via hydrogeological pathways.

There are no surface water features within or adjoining the proposed development site meaning that surface water pathways do not exist at the study area. The site location is also situated in a low groundwater vulnerability zone and therefore risk of contamination to groundwater is extremely low.

4.2 Brief Description of the European Sites within 15km of the Development

The screening process has identified a total of seventeen European sites (or part thereof) within a 15km radius of the proposed works area (see Figure 4.1 and Table 4.1 below). Table 4.1 lists the European sites located within 15km of the development, including their qualifying interests, conservation objectives and known threats (according to information provided by the NPWS). The sites are as follows in order of increasing distance:

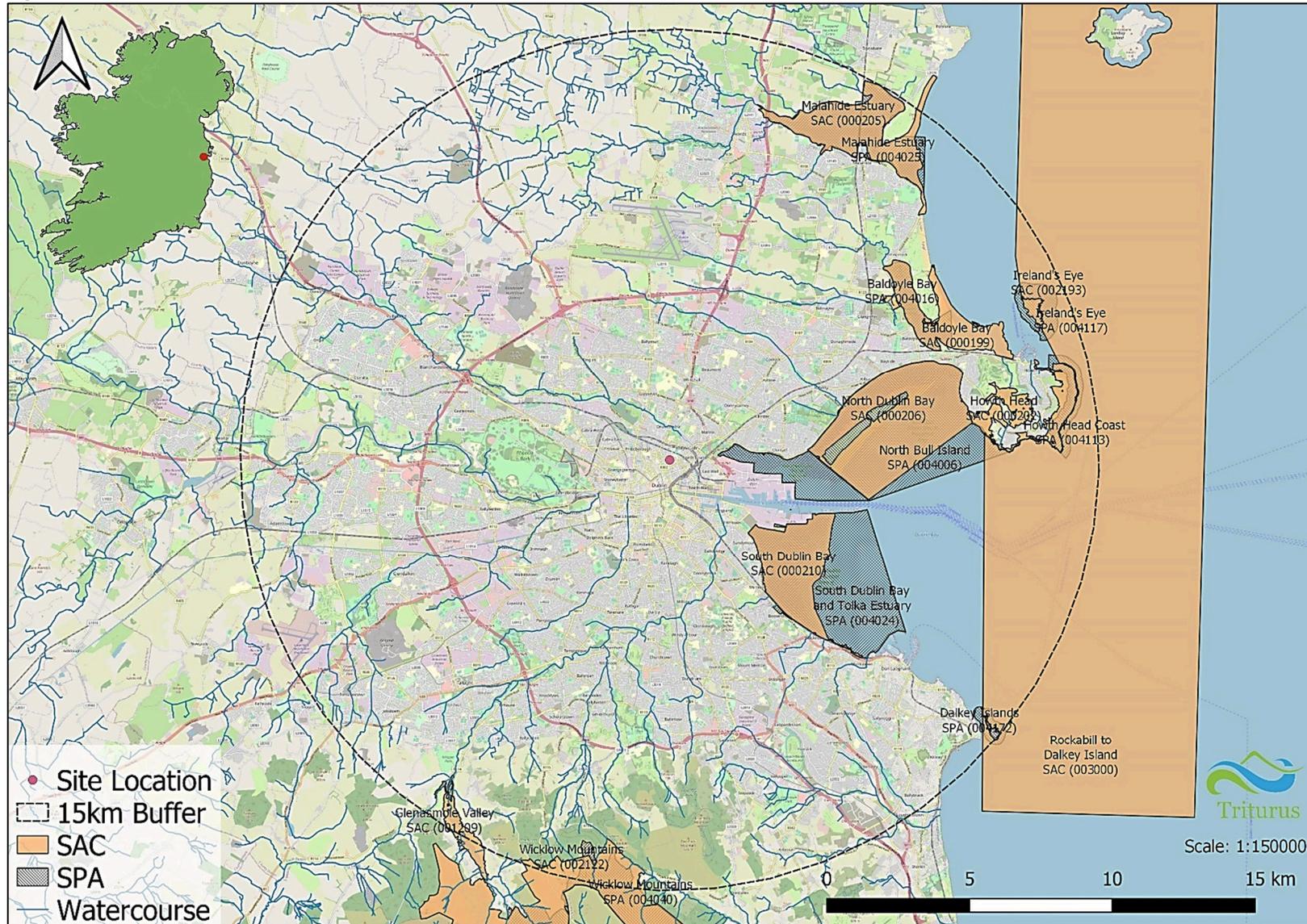
- South Dublin Bay and Tolka Estuary SPA (004024) – 1.7km southeast of site;
- South Dublin Bay SAC (000210) – 3.7km southeast of site;
- North Bull Island SPA (004006) – 4.8km east of site;
- North Dublin Bay SAC (000206) – 4.8km east of site;
- Baldoyle Bay SAC (000199) – 9.3km northeast of site;
- Baldoyle Bay SPA (004016) – 9.6km northeast of site;
- Howth Head SAC (000202) – 10.5km east of site;
- Rockabill to Dalkey Island SAC (003000) – 11km east of site;
- Malahide Estuary SAC (000205) – 11.9km northeast of site;
- Malahide Estuary SPA (004025) – 11.9km northeast of site;
- Howth Head Coast SPA (004113) – 13.2km east of the site;
- Ireland's Eye SPA (004117) – 13.2km northeast of the site;
- Glenasmole Valley SAC (001209) – 13.3km southwest of site;
- Ireland's Eye SAC (002193) – 13.4km northeast of site;
- Wicklow Mountains SAC (002122) – 13.4km south of site;
- Wicklow Mountains SPA (004040) – 13.6km south of site.
- Dalkey Islands SPA (004172) – 13.7km southeast of site;

The proposed development is not located within any of these European sites and there is no surface water or groundwater connectivity between the works area and any of the European sites. This is known given no surface waters in the footprint of the existing residences at 1-8 Tyrrell Place and also given the site is situated in a low vulnerability groundwater zone. Given the lack of direct connectivity, hydrological or otherwise, there was not considered to be any potential for the proposed works to directly impact a European site within a 15km radius.

There are currently 8 residential units at Tyrrell Place and these will be replaced with 8 new residential units as part of the proposed development meaning upgrading of the existing infrastructure and arrangements only. With regards impact sources to water quality, the proposed development foul water will discharge into a new manhole at the front of the site which will be connected to the public 420mm wide brick combined sewer at the junction of Charles Lane and Tyrrell Place. The combined sewer will take surface water and storm water which follows the existing arrangement but with improvements. The proposed arrangement of 1 bed dwellings compared to the existing arrangement of 2 bed dwellings will mean there will be a reduction in foul discharge volumes. This represents a 33% reduction in foul peak flowrates and an overall reduction in the volume of foul water discharging from the site (Mable, 2022). As such given there is a clear improvement this will improve the foul water quality from the existing baseline.

In consideration of the above, the seventeen European sites can be screened out immediately due to i) distance between the proposed development and the European sites; ii) no direct downstream hydrological link; and iii) small-scale nature of proposed works given the replacement of existing with a development of similar scale but with combined sewer water quality improvements. Further details for screening out are discussed in Table 4.1 below.

Figure 4.1: Location of proposed works area at Tyrrell Place, relative to European sites within a 15km buffer



Source: Ordnance Survey and NPWS. Reproduced and Annotated by The Planning Partnership under Licence No.: AR0114722

Table 4.1: Summary of European Sites and distances from proposed works area at 1-8 Tyrrell Place, Mountjoy, Dublin 1

Designated site (site code)	Distance from development (km, direct line)	Conservation objective(s)	Qualifying Interests	Threats	Screening rationale
South Dublin Bay and Tolka Estuary SPA (004024)	Approx. 1.7km from works area.	To maintain the favourable conservation condition of the bird species listed as Special Conservation Interests for this SPA	<ul style="list-style-type: none"> Light-bellied Brent Goose (<i>Branta bernicla hrota</i>) [Ao46] Oystercatcher (<i>Haematopus ostralegus</i>) [A130] Ringed Plover (<i>Charadrius hiaticula</i>) [A137] Grey Plover (<i>Pluvialis squatarola</i>) [A141] Knot (<i>Calidris canutus</i>) [A143] Sanderling (<i>Calidris alba</i>) [A144] Dunlin (<i>Calidris alpina</i>) [A149] Bar-tailed Godwit (<i>Limosa lapponica</i>) [A157] Redshank (<i>Tringa totanus</i>) [A162] Black-headed Gull (<i>Chroicocephalus ridibundus</i>) [A179] Roseate Tern (<i>Sterna dougallii</i>) [A192] Common Tern (<i>Sterna hirundo</i>) [A193] Arctic Tern (<i>Sterna paradisaea</i>) [A194] Wetland and Waterbirds [A999] 	<p>High risk threats & pressures inside the site:</p> <ul style="list-style-type: none"> E03 - discharges G01.02 – walking, horse-riding and non-motorised vehicles <p>High risk threats & pressures outside the site:</p> <ul style="list-style-type: none"> E01 – urbanised areas, human habitation E02 - industrial or commercial areas J02.01.02 – reclamation of land from sea, estuary or marsh <p>Medium risk threats & pressures inside the site:</p> <ul style="list-style-type: none"> F02.03 – leisure fishing F02.03.01 – bait digging G01.01 – nautical sports K02.03 – eutrophication (natural) <p>Medium risk threats & pressures outside the site:</p>	<p>This site is screened out because:</p> <ul style="list-style-type: none"> No direct hydrological link (no surface water features within development footprint or potential groundwater contamination) Distance between site and proposed development (i.e. 1.7km with no habitat linkages i.e. heavily urbanised buffer) Nature of the proposed works (in footprint of existing site with no increase in emissions e.g. foul water) <p>No direct or indirect impact will occur on this site's qualifying interests.</p>

Designated site (site code)	Distance from development (km, direct line)	Conservation objective(s)	Qualifying Interests	Threats	Screening rationale
				<ul style="list-style-type: none"> Do1.02 – roads, motorways 	
South Dublin Bay SAC (000210)	Approx. 3.7km from works area.	To restore the favourable conservation condition of the Annex I habitat(s) and/or the Annex II species for which the SAC has been selected	<ul style="list-style-type: none"> Mudflats and sandflats not covered by seawater at low tide [1140] Annual vegetation of drift lines [1210] Salicornia and other annuals colonising mud and sand [1310] Embryonic shifting dunes [2110] 	<p>High risk threats & pressures inside the site:</p> <ul style="list-style-type: none"> Go1.02 – walking, horse-riding and non-motorised vehicles Ko2.02 - accumulation of organic material <p>High risk threats & pressures outside the site:</p> <ul style="list-style-type: none"> Eo1 – urbanised areas, human habitation Eo2 - industrial or commercial areas Jo2.01.02 – reclamation of land from sea, estuary or marsh <p>Medium risk threats & pressures inside the site:</p> <ul style="list-style-type: none"> Do1.01 – paths, tracks, cycling tracks Eo3 - discharges Fo2.03.01 – bait digging Go1.01 – nautical sports Go1.01.02 - non-motorized nautical sports 	<p>This site is screened out because:</p> <ul style="list-style-type: none"> No direct hydrological link (no surface water features within development footprint or potential groundwater contamination) Distance between site and proposed development (i.e. 3.7km with no habitat linkages i.e. heavily urbanised buffer) Nature of the proposed works (in footprint of existing site with no increase in emissions e.g. foul water) <p>No direct or indirect impact will occur on this site's qualifying interests.</p>

Designated site (site code)	Distance from development (km, direct line)	Conservation objective(s)	Qualifying Interests	Threats	Screening rationale
				<ul style="list-style-type: none"> H03 – marine water pollution <p>Medium risk threats & pressures outside the site:</p> <ul style="list-style-type: none"> E03 - discharges H03 – marine water pollution <p>Low risk threats & pressures outside the site:</p> <ul style="list-style-type: none"> D01.02 – roads, motorways 	
North Bull Island SPA (004006)	Approx. 4.8km from works area.	To maintain the favourable conservation condition of the bird species listed as Special Conservation Interests for this SPA	<ul style="list-style-type: none"> Light-bellied Brent Goose (<i>Branta bernicla hrota</i>) [A046] Shelduck (<i>Tadorna tadorna</i>) [A048] Teal (<i>Anas crecca</i>) [A052] Pintail (<i>Anas acuta</i>) [A054] Shoveler (<i>Anas clypeata</i>) [A056] Oystercatcher (<i>Haematopus ostralegus</i>) [A130] Golden Plover (<i>Pluvialis apricaria</i>) [A140] Grey Plover (<i>Pluvialis squatarola</i>) [A141] Knot (<i>Calidris canutus</i>) [A143] Sanderling (<i>Calidris alba</i>) [A144] 	<p>High risk threats & pressures inside the site:</p> <ul style="list-style-type: none"> D01.05 – bridge, viaduct G01.02 – walking, horse-riding and non-motorised vehicles <p>Medium risk threats & pressures inside the site:</p> <ul style="list-style-type: none"> E03 - discharges F02.03.01 – bait digging G01.01 – nautical sports G02.01 – golf course <p>Medium risk threats & pressures outside the site:</p>	<p>This site is screened out because:</p> <ul style="list-style-type: none"> No direct hydrological link (no surface water features within development footprint or potential groundwater contamination) Distance between site and proposed development (i.e. 4.8km with no habitat linkages i.e. heavily urbanised buffer) Nature of the proposed works (in footprint of existing site with no

Designated site (site code)	Distance from development (km, direct line)	Conservation objective(s)	Qualifying Interests	Threats	Screening rationale
			<ul style="list-style-type: none"> Dunlin (<i>Calidris alpina</i>) [A149] Black-tailed Godwit (<i>Limosa limosa</i>) [A156] Bar-tailed Godwit (<i>Limosa lapponica</i>) [A157] Curlew (<i>Numenius arquata</i>) [A160] Redshank (<i>Tringa totanus</i>) [A162] Turnstone (<i>Arenaria interpres</i>) [A169] Black-headed Gull (<i>Chroicocephalus ridibundus</i>) [A179] Wetland and Waterbirds [A999] 	<ul style="list-style-type: none"> Do1.02 – roads, motorways Do3.02 – shipping Eo1.01 – continuous urbanisation Eo2 – industrial or commercial areas Eo3 – discharges <p>Low risk threats & pressures inside the site:</p> <ul style="list-style-type: none"> Eo1.04 – other patterns of habitation 	<p>increase in emissions e.g. foul water)</p> <p>No direct or indirect impact will occur on this site's qualifying interests.</p>
North Dublin Bay SAC (000206)	Approx. 4.8km from works area.	To restore the favourable conservation condition of the Annex I habitat(s) and/or the Annex II species for which the SAC has been selected	<ul style="list-style-type: none"> Mudflats and sandflats not covered by seawater at low tide [1140] Annual vegetation of drift lines [1210] <i>Salicornia</i> and other annuals colonising mud and sand [1310] Atlantic salt meadows (<i>Glauco-Puccinellietalia maritimae</i>) [1330] Petalwort <i>Petalophyllum ralfsii</i> [1395] Mediterranean salt meadows (<i>Juncetalia maritimi</i>) [1410] 	<p>High risk threats & pressures inside the site:</p> <ul style="list-style-type: none"> Eo3 – discharges Go1.02 – walking, horse-riding and non-motorised vehicles Ko3.06 - antagonism with domestic animals <p>High risk threats & pressures outside the site:</p> <ul style="list-style-type: none"> Eo1 – urbanised areas, human habitation 	<p>This site is screened out because:</p> <ul style="list-style-type: none"> No direct hydrological link (no surface water features within development footprint or potential groundwater contamination) Distance between site and proposed development (i.e. 4.8km with no habitat linkages i.e. heavily urbanised buffer)

Designated site (site code)	Distance from development (km, direct line)	Conservation objective(s)	Qualifying Interests	Threats	Screening rationale
			<ul style="list-style-type: none"> • Embryonic shifting dunes [2110] • Shifting dunes along the shoreline with <i>Ammophila arenaria</i> (white dunes) [2120] • Fixed coastal dunes with herbaceous vegetation (grey dunes) [2130] • Humid dune slacks [2190] 	<ul style="list-style-type: none"> • Eo2 - industrial or commercial areas <p>Medium risk threats & pressures inside the site:</p> <ul style="list-style-type: none"> • Ao4 – grazing • Io1 – invasive non-native species • Jo1.01 – burning down • Fo2.03.01 – bait digging • Ho1.03 - other point source pollution to surface water • Ho1.09 - diffuse pollution to surface waters due to other sources not listed • Go1.01 – nautical sports <p>Medium risk threats & pressures outside the site:</p> <ul style="list-style-type: none"> • Go1.02 - walking, horse-riding and non-motorised vehicles <p>Low risk threats & pressures inside the site:</p> <ul style="list-style-type: none"> • Fo2.03 – leisure fishing • Go5.05 – missing or wrongly directed conservation measures 	<ul style="list-style-type: none"> • Nature of the proposed works (in footprint of existing site with no increase in emissions e.g. foul water) <p>No direct or indirect impact will occur on this site's qualifying interests.</p>

Designated site (site code)	Distance from development (km, direct line)	Conservation objective(s)	Qualifying Interests	Threats	Screening rationale
Baldoyle Bay SAC (000199)	Approx. 9.3km from works area.	To restore the favourable conservation condition of the Annex I habitat(s) and/or the Annex II species for which the SAC has been selected	<ul style="list-style-type: none"> Mudflats and sandflats not covered by seawater at low tide [1140] <i>Salicornia</i> and other annuals colonising mud and sand [1310] Atlantic salt meadows (<i>Glauco-Puccinellietalia maritimae</i>) [1330] Mediterranean salt meadows (<i>Juncetalia maritimi</i>) [1410] 	<p>High risk threats & pressures inside the site:</p> <ul style="list-style-type: none"> G01.02 – walking, horse-riding and non-motorised vehicles G01.01.02 – non-motorized nautical sports G02.01 – golf course Io1 – invasive non-native species <p>High risk threats & pressures outside the site:</p> <ul style="list-style-type: none"> E01 – urbanised areas, human habitation G02.01 – golf course <p>Medium risk threats & pressures inside the site:</p> <ul style="list-style-type: none"> K02.03 – eutrophication (natural) E03 – discharges J02.01.02 – reclamation of land from sea, estuary or marsh F02.03.01 – bait digging K03.06 – antagonism with domestic animals F03.01 – hunting 	<p>This site is screened out because:</p> <ul style="list-style-type: none"> No direct hydrological link (no surface water features within development footprint or potential groundwater contamination) Distance between site and proposed development (i.e. 9.3km with no habitat linkages i.e. heavily urbanised buffer) Nature of the proposed works (in footprint of existing site with no increase in emissions e.g. foul water) <p>No direct or indirect impact will occur on this site's qualifying interests.</p>

Designated site (site code)	Distance from development (km, direct line)	Conservation objective(s)	Qualifying Interests	Threats	Screening rationale
				<p>Medium risk threats & pressures outside the site:</p> <ul style="list-style-type: none"> • Do1.02 – roads, motorways 	
Baldoyle Bay SPA (004016)	Approx. 9.6km from works area.	To maintain the favourable conservation condition of the bird species listed as Special Conservation Interests for this SPA	<ul style="list-style-type: none"> • Light-bellied Brent Goose (<i>Branta bernicla hrota</i>) [Ao46] • Shelduck (<i>Tadorna tadorna</i>) [Ao48] • Ringed Plover (<i>Charadrius hiaticula</i>) [A137] • Golden Plover (<i>Pluvialis apricaria</i>) [A140] • Grey Plover (<i>Pluvialis squatarola</i>) [A141] • Bar-tailed Godwit (<i>Limosa lapponica</i>) [A157] • Wetland and Waterbirds [A999] 	<p>High risk threats & pressures inside the site:</p> <ul style="list-style-type: none"> • Jo2.01.02 – reclamation of land from sea, estuary or marsh • Io1 – invasive non-native species <p>High risk threats & pressures outside the site:</p> <ul style="list-style-type: none"> • Eo1 – urbanised areas, human habitation • Go2.01 – golf course • Ao8 – fertilisation <p>Medium risk threats & pressures inside the site:</p> <ul style="list-style-type: none"> • Fo3.01 – hunting • Ko2.03 – eutrophication (natural) • Fo2.03.01 – bait digging • Go1.02 – walking, horse-riding and non-motorised vehicles 	<p>This site is screened out because:</p> <ul style="list-style-type: none"> • No direct hydrological link (no surface water features within development footprint or potential groundwater contamination) • Distance between site and proposed development (i.e. 9.6km with no habitat linkages i.e. heavily urbanised buffer) • Nature of the proposed works (in footprint of existing site with no increase in emissions e.g. foul water) <p>No direct or indirect impact will occur on this site's qualifying interests.</p>

Designated site (site code)	Distance from development (km, direct line)	Conservation objective(s)	Qualifying Interests	Threats	Screening rationale
				<p>Medium risk threats & pressures outside the site:</p> <ul style="list-style-type: none"> • D01.02 – roads, motorways 	
Howth Head SAC (000202)	Approx. 10.5km from works area.	To restore the favourable conservation condition of the Annex I habitat(s) and/or the Annex II species for which the SAC has been selected	<ul style="list-style-type: none"> • Vegetated sea cliffs of the Atlantic and Baltic coasts [1230] • European dry heaths [4030] 	<p>High risk threats & pressures inside the site:</p> <ul style="list-style-type: none"> • G01.02 – walking, horse-riding and non-motorised vehicles • C01 – mining and quarrying • I01 – invasive non-native species • J01.01 – burning down <p>High risk threats & pressures outside the site:</p> <ul style="list-style-type: none"> • C01 – mining and quarrying <p>Medium risk threats & pressures inside the site:</p> <ul style="list-style-type: none"> • G05.04 – tree surgery, felling for public safety, removal of roadside trees • D01.01 – paths, tracks, cycling tracks 	<p>This site is screened out because:</p> <ul style="list-style-type: none"> • No direct hydrological link (no surface water features within development footprint or potential groundwater contamination) • Distance between site and proposed development (i.e. 10.5km with no habitat linkages i.e. heavily urbanised buffer) • Nature of the proposed works (in footprint of existing site with no increase in emissions e.g. foul water) <p>No direct or indirect impact will occur on this site's qualifying interests.</p>

Designated site (site code)	Distance from development (km, direct line)	Conservation objective(s)	Qualifying Interests	Threats	Screening rationale
				<ul style="list-style-type: none"> E01 – urbanised areas, human habitation A04.03 – abandonment of pastoral systems, lack of grazing <p>Medium risk threats & pressures outside the site:</p> <ul style="list-style-type: none"> E01 – urbanised areas, human habitation <p>Low risk threats & pressures inside the site:</p> <ul style="list-style-type: none"> C01.01.01 – sand and gravel quarries 	
Rockabill to Dalkey Island SAC (003000)	Approx. 11km from works area.	To restore the favourable conservation condition of the Annex I habitat(s) and/or the Annex II species for which the SAC has been selected	<ul style="list-style-type: none"> Reefs [1170] <i>Phocoena</i> (Harbour Porpoise) [1351] 	<p>High risk threats & pressures both inside and outside the site:</p> <ul style="list-style-type: none"> D03.02 – shipping H06.01 – noise nuisance, noise pollution F02.02 – professional active fishing <p>High risk threats & pressures outside the site:</p> <ul style="list-style-type: none"> E03 – discharges 	<p>This site is screened out because:</p> <ul style="list-style-type: none"> No direct hydrological link (no surface water features within development footprint or potential groundwater contamination) Distance between site and proposed development (i.e. 11km with no habitat linkages i.e. heavily urbanised buffer)

Designated site (site code)	Distance from development (km, direct line)	Conservation objective(s)	Qualifying Interests	Threats	Screening rationale
				<p>Medium risk threats & pressures outside the site:</p> <ul style="list-style-type: none"> • Do2 – utility and service lines <p>Low risk threats & pressures outside the site:</p> <ul style="list-style-type: none"> • Jo2.02 – removal of sediments (mud) • Jo2.11 – dumping, depositing of dredged deposits 	<ul style="list-style-type: none"> • Nature of the proposed works (in footprint of existing site with no increase in emissions e.g. foul water) <p>No direct or indirect impact will occur on this site's qualifying interests.</p>
Malahide Estuary SAC (000205)	Approx. 11.9km from works area.	To restore the favourable conservation condition of the Annex I habitat(s) and/or the Annex II species for which the SAC has been selected	<ul style="list-style-type: none"> • Mudflats and sandflats not covered by seawater at low tide [1140] • <i>Salicornia</i> and other annuals colonising mud and sand [1310] • Atlantic salt meadows (<i>Glauco-Puccinellietalia maritima</i>) [1330] • Mediterranean salt meadows (<i>Juncetalia maritimi</i>) [1410] • Shifting dunes along the shoreline with <i>Ammophila arenaria</i> (white dunes) [2120] • Fixed coastal dunes with herbaceous vegetation (grey dunes) [2130] 	<p>High risk threats & pressures both inside and outside the site:</p> <ul style="list-style-type: none"> • Jo2.01.02 – reclamation of land from sea, estuary or marsh <p>High risk threats & pressures inside the site:</p> <ul style="list-style-type: none"> • Go1.02 – walking, horse-riding and non-motorised vehicles • Go1.03 – motorised vehicles • Do1.05 – bridge, viaduct • Go1.01 – nautical sports 	<p>This site is screened out because:</p> <ul style="list-style-type: none"> • No direct hydrological link (no surface water features within development footprint or potential groundwater contamination) • Distance between site and proposed development (i.e. 11.9km with no habitat linkages i.e. heavily urbanised buffer) • Nature of the proposed works (in footprint of existing site with no

Designated site (site code)	Distance from development (km, direct line)	Conservation objective(s)	Qualifying Interests	Threats	Screening rationale
				<p>Medium risk threats & pressures inside the site:</p> <ul style="list-style-type: none"> • I01 – invasive non-native species <p>Medium risk threats & pressures outside the site:</p> <ul style="list-style-type: none"> • G02.01 – golf course • D01.02 – roads, motorways • E01 – urbanised areas, human habitation • A08 – fertilisation 	<p>increase in emissions e.g. foul water)</p> <p>No direct or indirect impact will occur on this site's qualifying interests.</p>
Malahide Estuary SPA (004025)	Approx. 11.9km from works area.	To maintain the favourable conservation condition of the bird species listed as Special Conservation Interests for this SPA	<ul style="list-style-type: none"> • Great Crested Grebe (<i>Podiceps cristatus</i>) [A005] • Light-bellied Brent Goose (<i>Branta bernicla hrota</i>) [A046] • Shelduck (<i>Tadorna tadorna</i>) [A048] • Pintail (<i>Anas acuta</i>) [A054] • Goldeneye (<i>Bucephala clangula</i>) [A067] • Red-breasted Merganser (<i>Mergus serrator</i>) [A069] • Oystercatcher (<i>Haematopus ostralegus</i>) [A130] • Golden Plover (<i>Pluvialis apricaria</i>) [A140] • Grey Plover (<i>Pluvialis squatarola</i>) [A141] • Knot (<i>Calidris canutus</i>) [A143] 	<p>High risk threats & pressures inside the site:</p> <ul style="list-style-type: none"> • D01.01 – paths, tracks, cycling tracks • J02.01.02 – reclamation of land from sea, estuary or marsh • G01.01 – nautical sports <p>High risk threats & pressures outside the site:</p> <ul style="list-style-type: none"> • E01 – urbanised areas, human habitation • J02.01.02 – reclamation of land from sea, estuary or marsh 	<p>This site is screened out because:</p> <ul style="list-style-type: none"> • No direct hydrological link (no surface water features within development footprint or potential groundwater contamination) • Distance between site and proposed development (i.e. 11.9km with no habitat linkages i.e. heavily urbanised buffer) • Nature of the proposed works (in footprint of existing site with no

Designated site (site code)	Distance from development (km, direct line)	Conservation objective(s)	Qualifying Interests	Threats	Screening rationale
			<ul style="list-style-type: none"> Dunlin (<i>Calidris alpina</i>) [A149] Black-tailed Godwit (<i>Limosa limosa</i>) [A156] Bar-tailed Godwit (<i>Limosa lapponica</i>) [A157] Redshank (<i>Tringa totanus</i>) [A162] Wetland and Waterbirds [A999] 	<p>Medium risk threats & pressures inside the site:</p> <ul style="list-style-type: none"> G01.02 – walking, horse-riding and non-motorised vehicles I01 – invasive non-native species D01.04 – railway lines, TGV <p>Medium risk threats & pressures outside the site:</p> <ul style="list-style-type: none"> D01-04 – railway lines, TGV D01.05 – bridge, viaduct E02 – industrial or commercial areas A08 – fertilisation 	<p>increase in emissions e.g. foul water)</p> <p>No direct or indirect impact will occur on this site's qualifying interests.</p>
Howth Head Coast SPA (004113)	Approx. 13.2km from works area	To maintain the favourable conservation condition of the bird species listed as Special Conservation Interests for this SPA	<ul style="list-style-type: none"> Kittiwake (<i>Rissa tridactyla</i>) [A188] 	<p>High risk threats & pressures inside the site:</p> <ul style="list-style-type: none"> G01.02 - walking, horseriding and non-motorised vehicles <p>Medium risk threats & pressures inside the site:</p> <ul style="list-style-type: none"> A08 – fertilisation D01 – roads, paths and railroads 	<p>This site is screened out because:</p> <ul style="list-style-type: none"> No direct hydrological link (no surface water features within development footprint or potential groundwater contamination) Distance between site and proposed development (i.e. 13.2km with no habitat

Designated site (site code)	Distance from development (km, direct line)	Conservation objective(s)	Qualifying Interests	Threats	Screening rationale
				<ul style="list-style-type: none"> A04 – grazing l01 – invasive non-native species A03.03 – abandonment/lack of mowing <p>Low risk threats & pressures inside the site:</p> <ul style="list-style-type: none"> Jo1 - fire and fire suppression 	<p>linkages i.e. heavily urbanised buffer)</p> <ul style="list-style-type: none"> Nature of the proposed works (in footprint of existing site with no increase in emissions e.g. foul water) <p>No direct or indirect impact will occur on this site's qualifying interests.</p>
Ireland's Eye SPA (004117)	Approx. 13.2km from works area	To maintain the favourable conservation condition of the bird species listed as Special Conservation Interests for this SPA	<ul style="list-style-type: none"> Cormorant (<i>Phalacrocorax carbo</i>) [A017] Herring Gull (<i>Larus argentatus</i>) [A184] Kittiwake (<i>Rissa tridactyla</i>) [A188] Guillemot (<i>Uria aalge</i>) [A199] Razorbill (<i>Alca torda</i>) [A200] 	<p>High risk threats & pressures inside the site:</p> <ul style="list-style-type: none"> Go1.02 - walking, horseriding and non-motorised vehicles <p>Low risk threats & pressures inside the site:</p> <ul style="list-style-type: none"> Fo2.03 - Leisure fishing 	<p>This site is screened out because:</p> <ul style="list-style-type: none"> No direct hydrological link (no surface water features within development footprint or potential groundwater contamination) Distance between site and proposed development (i.e. 13.2km with no habitat linkages i.e. heavily urbanised buffer) Nature of the proposed works (in footprint of existing site with no increase in emissions e.g. foul water)

Designated site (site code)	Distance from development (km, direct line)	Conservation objective(s)	Qualifying Interests	Threats	Screening rationale
					No direct or indirect impact will occur on this site's qualifying interests.
Glenasmole Valley SAC (001209)	Approx. 13.3km from works area.	To restore the favourable conservation condition of the Annex I habitat(s) and/or the Annex II species for which the SAC has been selected	<ul style="list-style-type: none"> Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco-Brometalia) (* important orchid sites) [6210] Molinia meadows on calcareous, peaty or clayey-silt-laden soils (Molinion caeruleae) [6410] Petrifying springs with tufa formation (Cratoneurion) [7220] 	<p>High risk threats & pressures inside the site:</p> <ul style="list-style-type: none"> J02 – human induced changes in hydraulic conditions <p>Medium risk threats & pressures inside the site:</p> <ul style="list-style-type: none"> A08 – fertilisation D01 – roads, paths and railroads A04 – grazing I01 – invasive non-native species A03.03 – abandonment/lack of mowing <p>Medium risk threats & pressures outside the site:</p> <ul style="list-style-type: none"> B02.02 – forestry clearance H02.07 – diffuse groundwater pollution due to non-sewered population A03.03 – abandonment/lack of mowing A04 – grazing 	<p>This site is screened out because:</p> <ul style="list-style-type: none"> No direct hydrological link (no surface water features within development footprint or potential groundwater contamination) Distance between site and proposed development (i.e. 13.3km with no habitat linkages i.e. heavily urbanised buffer) Nature of the proposed works (in footprint of existing site with no increase in emissions e.g. foul water) <p>No direct or indirect impact will occur on this site's qualifying interests.</p>

Designated site (site code)	Distance from development (km, direct line)	Conservation objective(s)	Qualifying Interests	Threats	Screening rationale
				<ul style="list-style-type: none"> • A04.02.01 – non-intensive cattle grazing • E01.02 – discontinuous urbanisation • H01.08 – diffuse pollution to surface waters due to household sewage and waste waters • H01.05 – diffuse pollution to surface waters due to agricultural and forestry activities • B02.01.02 – forest replanting (non-native trees) • A04.02.03 – non intensive horse grazing • A04.02.02 – non intensive sheep grazing <p>Low risk threats & pressures inside the site:</p> <ul style="list-style-type: none"> • F02.03 – leisure fishing <p>Low risk threats & pressures outside the site:</p> <ul style="list-style-type: none"> • A03 – mowing/cutting of grassland • D01.03 – car parks and parking areas 	

Designated site (site code)	Distance from development (km, direct line)	Conservation objective(s)	Qualifying Interests	Threats	Screening rationale
				<ul style="list-style-type: none"> • B01.02 – artificial planting on open ground (non-native trees) • B01.01 – forest planting on open ground (native trees) • C01.03 – peat extraction 	
Ireland's Eye SAC (002193)	Approx. 13.4km from works area	To restore the favourable conservation condition of the Annex I habitat(s) and/or the Annex II species for which the SAC has been selected	<ul style="list-style-type: none"> • Perennial vegetation of stony banks [1220] • Vegetated sea cliffs of the Atlantic and Baltic coasts [1230] 	<p>High risk threats & pressures inside the site:</p> <ul style="list-style-type: none"> • G02.09 - wildlife watching • G01.02 - walking, horse riding and non-motorised vehicles • J01 - fire and fire suppression • A04.03 - abandonment of pastoral systems, lack of grazing • G05.01 - Trampling, overuse <p>Medium risk threats & pressures inside the site:</p> <ul style="list-style-type: none"> • G01.01 - nautical sports <p>Medium risk threats & pressures outside the site:</p> <ul style="list-style-type: none"> • G01.01 - nautical sports 	<p>This site is screened out because:</p> <ul style="list-style-type: none"> • No direct hydrological link (no surface water features within development footprint or potential groundwater contamination) • Distance between site and proposed development (i.e. 13.4km with no habitat linkages i.e. heavily urbanised buffer) • Nature of the proposed works (in footprint of existing site with no increase in emissions e.g. foul water) <p>No direct or indirect impact will occur on this site's qualifying interests.</p>

Designated site (site code)	Distance from development (km, direct line)	Conservation objective(s)	Qualifying Interests	Threats	Screening rationale
Wicklow Mountains SAC (002122)	Approx. 13.4km from works area.	To restore the favourable conservation condition of the Annex I habitat(s) and/or the Annex II species for which the SAC has been selected	<ul style="list-style-type: none"> • Oligotrophic waters containing very few minerals of sandy plains (<i>Littorelletalia uniflorae</i>) [3110] • Natural dystrophic lakes and ponds [3160] • Northern Atlantic wet heaths with <i>Erica tetralix</i> [4010] • European dry heaths [4030] • Alpine and Boreal heaths [4060] • Calaminarian grasslands of the <i>Violetalia calaminariae</i> [6130] • Species-rich Nardus grasslands, on siliceous substrates in mountain areas (and submountain areas, in Continental Europe) [6230] • Blanket bogs (* if active bog) [7130] • Siliceous scree of the montane to snow levels (<i>Androsacetalia alpinae</i> and <i>Galeopsietalia ladani</i>) [8110] • Calcareous rocky slopes with chasmophytic vegetation [8210] • Siliceous rocky slopes with chasmophytic vegetation [8220] 	<p>High risk threats & pressures inside the site:</p> <ul style="list-style-type: none"> • K01.01 – erosion • B06 – grazing in forests/ woodland <p>High risk threats & pressures both inside and outside the site:</p> <ul style="list-style-type: none"> • I01 – invasive non-native species • J01.01 – burning down • G01.03.02 – off-road motorized driving <p>Medium risk threats & pressures inside the site:</p> <ul style="list-style-type: none"> • F03 – Hunting and collection of wild animals (terrestrial) • K04.05 – damage by herbivores (including game species) • C01.03 – peat extraction <p>Medium risk threats & pressures both inside and outside the site:</p>	<p>This site is screened out because:</p> <ul style="list-style-type: none"> • No direct hydrological link (no surface water features within development footprint or potential groundwater contamination) • Distance between site and proposed development (i.e. 13.4km with no habitat linkages i.e. heavily urbanised buffer) • Nature of the proposed works (in footprint of existing site with no increase in emissions e.g. foul water) <p>No direct or indirect impact will occur on this site’s qualifying interests.</p>

Designated site (site code)	Distance from development (km, direct line)	Conservation objective(s)	Qualifying Interests	Threats	Screening rationale
			<ul style="list-style-type: none"> • Old sessile oak woods with <i>Ilex</i> and <i>Blechnum</i> in the British Isles [91A0] • <i>Lutra</i> (Otter) [1355] 	<ul style="list-style-type: none"> • E01 - urbanised areas, human habitation • G01.02 – walking, horse-riding and non-motorised vehicles • D01.01 – paths, tracks, cycling tracks • G04.01 – Military manoeuvres • A04 – grazing • G01 – Outdoor sports and leisure activities, recreational activities • F03.02.02 – taking from nest (e.g. falcons) • G05.07 – fences, fencing • G05.01 – trampling, overuse <p>Low risk threats & pressures inside the site:</p> <ul style="list-style-type: none"> • E03.01 – disposal of household waste • L05 – collapse of terrain, landslide • F04.02 – collection (fungi, lichen, berries etc.) • G05.06 – closures of caves or galleries • G02.09 – other sport / leisure complexes • A05.02 – stock feeding 	

Designated site (site code)	Distance from development (km, direct line)	Conservation objective(s)	Qualifying Interests	Threats	Screening rationale
				<p>Low risk threats & pressures both inside and outside the site:</p> <ul style="list-style-type: none"> • G01.04 – mountaineering, rock climbing, speleology 	
Wicklow Mountains SPA (004040)	Approx. 13.6km from works area.	To maintain the favourable conservation condition of the bird species listed as Special Conservation Interests for this SPA	<ul style="list-style-type: none"> • Merlin (<i>Falco columbarius</i>) [A098] • Peregrine (<i>Falco peregrinus</i>) [A103] 	<p>High risk threats & pressures inside the site:</p> <ul style="list-style-type: none"> • G01.02 - walking, horse-riding and non-motorised vehicles <p>High risk threats & pressures outside the site:</p> <ul style="list-style-type: none"> • B - silviculture, forestry <p>Medium risk threats & pressures inside the site:</p> <ul style="list-style-type: none"> • C01.03 – peat extraction • D01.01 – paths, tracks, cycling tracks • A04 – grazing 	<p>This site is screened out because:</p> <ul style="list-style-type: none"> • No direct hydrological link (no surface water features within development footprint or potential groundwater contamination) • Distance between site and proposed development (i.e. 13.6km with no habitat linkages i.e. heavily urbanised buffer) • Nature of the proposed works (in footprint of existing site with no increase in emissions e.g. foul water) <p>No direct or indirect impact will occur on this site's qualifying interests.</p>

Designated site (site code)	Distance from development (km, direct line)	Conservation objective(s)	Qualifying Interests	Threats	Screening rationale
Dalkey Islands SPA (004172)	Approx. 13.7km from works area.	To maintain the favourable conservation condition of the bird species listed as Special Conservation Interests for this SPA	<ul style="list-style-type: none"> Roseate Tern (<i>Sterna dougallii</i>) [A192] Common Tern (<i>Sterna hirundo</i>) [A193] Arctic Tern (<i>Sterna paradisaea</i>) [A194] 	<p>High risk threats & pressures outside the site:</p> <ul style="list-style-type: none"> E01 - urbanised areas, human habitation <p>Medium risk threats & pressures inside the site:</p> <ul style="list-style-type: none"> G01.02 - walking, horse-riding and non-motorised vehicles A04 – grazing G01.01 - nautical sports 	<p>This site is screened out because:</p> <ul style="list-style-type: none"> No direct hydrological link (no surface water features within development footprint or potential groundwater contamination) Distance between site and proposed development (i.e. 13.7km with no habitat linkages i.e. heavily urbanised buffer) Nature of the proposed works (in footprint of existing site with no increase in emissions e.g. foul water) <p>No direct or indirect impact will occur on this site's qualifying interests.</p>

4.3 European sites with connectivity to the proposed works

As outlined in Table 4.1 above, there are no European sites with downstream hydrological connectivity to the proposed works area at 1-8 Tyrrell Place, Mountjoy, Dublin 1.

4.4 Potential Cumulative Impacts

In theory, it is possible for negligible individual impacts to interact with the other developments to cause impacts that are more than just simple additive impacts of the developments considered in isolation. The predicted impacts of disturbance, run-off from construction work, and surface water drainage are indirect and localised given the local-scale of the proposed demolition and rebuild works and geographic separation from the downstream European sites. Therefore, potential for synergistic cumulative impacts may exist by itself or in combination with other plans and projects. To assess potential impacts the following information sources were reviewed:

- Dublin City Biodiversity Action Plan 2015-2020
- Draft Dublin City Biodiversity Action Plan 2021-2025
- Dublin City Development Plan 2016-2022
- Draft Dublin City Development Plan 2022-2028
- Dublin City Council Online Planning Query System (map viewer)
<http://www.dublincity.ie/LP/default.aspx?themename=Planning&mapname=Planning>
- Permitted projects in the vicinity of the development
- Proposed projects in the vicinity of the development

No other projects of a scale or type that could act cumulatively with the proposed development are proposed or permitted in the areas overlapping and surrounding the proposed development site. Permitted and proposed developments in these townlands/areas are limited to one-off domestic/business premises developments, demolition, extension works, infrastructural and architectural upgrades.

A planning search limited to applications submitted within the areas overlapping and surrounding 1-8 Tyrrell Place, Mountjoy, Dublin 1, during the previous 5 years was conducted on the 13th May 2022. Recent developments within 0.5km of 1-8 Tyrrell Place, Mountjoy, Dublin 1 were restricted to permitted developments:

- **4189/21**- Proposed Demolition of the remaining walls of a single-storey semi-detached workshop building and the construction of a two-storey semi-detached house with a roof terrace at second floor level to the front of the property and all associated works.
- **2857/21** - Planning permission sought to demolish a single storey unit containing 2 no. studio apartments and to construct a new 3 storey block containing 3 no. studio apartments and all associated site works.

- **3265/22** - Planning permission for change of use of ground floor from retail to hot food takeaway, with internal modifications and new storefront to front, to premises at 29 Dorset Street Lower, Dublin 1.
- **3871/22** - PROTECTED STRUCTURE: Retention Permission is sought for existing English School of 5 no. floors, basement to third floor, gross floor area of 556.26 sq.m And Planning Permission is sought for 5 no. prefabricated single storey classroom units, 13.5 sq.m. per classroom plus 1 no. prefabricated toilet block of 14.08 sq.m to rear yard of 33 Gardiner Place, Dublin 1 - A PROTECTED STRUCTURE Ref: 3034 - with all associated site works.
- **3639/22** - Planning permission for the erection of 6 no. antennas and 2 no. link dishes mounted on support poles and associated diplexers and remote radio units on a steel mounting support platform together with 1 no. outdoor cabinet and 4 no. stepovers and associated equipment at the rooftop. The development will provide mobile voice and data services in the area.
- **WEB1339/22** - Retention Permission to retain partially constructed two-storey timber frame extension to rear of existing terrace house, and Permission to complete aforementioned extension which will comprise of ground floor kitchen and first floor bedroom, together with all associated site works at 7 Belvidere Avenue, North Circular Road, Dublin 1.
- **WEB1289/22** - 1. Demolition of block shed located in the rear garden. 2. Construction of a two-storey flat roof rear extension to consist of a kitchen and lounge at the ground floor and a bedroom and bathroom at the first floor. 3. General remodel and partial upgrade of the existing dwelling at both ground floor & first floor to suit the proposed layouts. 4. All drainage, structural and associated site works to be implemented.
- **WEB1246/22** - Change of use on the ground floor from Café to Restaurant for hot and cold food for sale on and off the premises.

4.5 Screening Assessment Criteria

The information provided below in Table 4.2 follows the guidance document '*Assessment of Plans and Projects significantly affecting Natura 2000 Sites: Methodological guidance on the provisions of Article 6(3) and (4) of the Habitats Directive 92/43/EEC*', (European Commission, 2001). The standard '*Screening Matrix*' and '*Finding of No Significant Effects Report Matrix*' in Annex 2 of this same guidance document are also followed.

As set out in NPWS guidance (DEHLG, 2009, rev 2010), the task of establishing whether a plan or project is likely to have an effect on a European site(s) is based on an evaluation using available information and data, supplemented, as necessary, by local site information and ecological surveys. This results in a determination by the competent authority as to whether there may be a significant effect on the designated site. A precautionary approach is required.

Examples of effects likely to be significant include, but are not limited to, any impact to Annex I habitat; direct or indirect damage to the physical quality of the environment (e.g. water quality and supply) in the European site; serious or ongoing disturbance to species or habitats for which the European site is selected (e.g. increased noise) and/or direct or indirect damage to the size, characteristics or reproductive ability of populations in the European site.

4.6 Screening Matrix

Table 4.2: Screening matrix - assessment of the potential impact of the proposed project either alone or in combination with other plans or projects on European sites

Assessment criteria	Consideration of potential impacts
<p>Brief description of project or plan</p>	<p>Proposed works according to Kenneth Hennessy Architects are as follows:</p> <ul style="list-style-type: none"> • Existing buildings, with the exception of the front & side external walls, to be demolished. Existing elevation features to be retained and wall repaired. • New pitched roof to comprise blue/black slate to match existing, on timber battens on felt on insulated timber roof structure. • New flat roof to comprise roof membrane over insulation on deck and timber joists. • All ceilings to be insulated and finished with foil-backed plasterboard. • New ground floor to consist of cast in situ concrete slab over rigid floor insulation on radon barrier, sand blinding and well compacted hardcore. • New external walls to rear to be cavity wall construction with rigid insulation. Blockwork external leaf to be rendered and painted to a selected colour. Internal leaf to be plastered and painted. All load bearing walls supported on foundations to Engineer's design. • All external doors and windows to be selected uPVC double glazed with precast concrete / or existing stone cills on front elevation. All glazing to be low emissivity K glass to comply with TGD Part L Building 2019. • Storm drainage to be 100 diameter wavin laid to 1:150 minimum fall. Surface drainage to discharge to public system. • Foul Drainage laid to 1:60 approx. fall to discharge to existing public sewer. As such given there is a clear improvement, this will improve the foul water quality from the existing baseline. • Existing front elevations are to be retained & repaired.
<p>Brief description of the European site assessment</p>	<p>There are no European sites within or adjacent to the proposed works. The following European sites are located within 15km of the proposed developments and have been screened out:</p> <ul style="list-style-type: none"> • South Dublin Bay and Tolka Estuary SPA (004024) • South Dublin Bay SAC (000210) • North Bull Island SPA (004006)

Assessment criteria	Consideration of potential impacts
	<ul style="list-style-type: none"> • North Dublin Bay SAC (000206) • Baldoyle Bay SAC (000199) • Baldoyle Bay SPA (004016) • Howth Head SAC (000202) • Rockabill to Dalkey Island SAC (003000) • Malahide Estuary SAC (000205) • Malahide Estuary SPA (004025) • Howth Head Coast SPA (004113) • Ireland's Eye SPA (004117) • Glenasmole Valley SAC (001209) • Ireland's Eye SAC (002193) • Wicklow Mountains SAC (002122) • Wicklow Mountains SPA (004040) • Dalkey Islands SPA (004172) <p>The proposed development site shares no connectivity hydrological or otherwise with any of the fourteen European sites within a 15km buffer.</p>
<p>Describe the individual elements of the project (either alone or in combination with other plans or projects) likely to give rise to impacts on the European sites</p>	<p>No other individual elements of the project, either alone or in combination with other plans or projects, are likely to give rise to impacts on the European sites identified above.</p>
<p>Describe any likely direct, indirect or secondary impacts of the project (either alone or in combination with other plans or projects) on the European site by virtue of:</p> <ul style="list-style-type: none"> • Size and scale; • Land-take; • Distance from Natura 2000 site or key features of the site; 	<p><i>Size and scale, land-take and distance from European sites</i></p> <p>Potential impacts: none</p> <p>The proposed development site (1-8 Tyrrell Place, Mountjoy, Dublin 1) is separated from European sites by considerable distances across a heavily urbanised landscape, i.e., closest site distance is 1.7km (South Dublin Bay and Tolka Estuary SPA (004024)). The majority of the seventeen sites within a 15km buffer are located >10km distance from the proposed development. There is no hydrological connectivity between the development site and any of the European sites in question. Whilst numerous sites are designated for mobile species (e.g., waterbirds), these are not known to utilise the urban area surrounding the development site</p>

Assessment criteria	Consideration of potential impacts
<ul style="list-style-type: none"> • Resource requirements; • Emissions; • Excavation requirements; • Transportation requirements; • Duration of construction, operation etc.; • Other 	<p>due to habitat unsuitability i.e., hard surfaces and an absence of large urban parklands for grazing and or surface water features in the vicinity of the proposed development.</p> <p>Due to the lack of direct downstream hydrological connectivity, distance between the proposed development and European sites, lack of potential for Special Conservation Interests to be impacted and habitats associated with the development unlikely to be used by/unsuitable for mobile species from the European sites in question, all seventeen European sites are precluded.</p> <p>There will be no land-take from any European site and no direct impact on the size and scale of any European site as a result of the project.</p> <p><i>Resource requirements and excavation requirements</i></p> <p>Potential impacts: none</p> <p>There will be no resource requirements or excavation requirements from any European site as a result of the proposed development. Excavation requirements within the proposed site will be minimal.</p> <p><i>Transportation requirements</i></p> <p>Potential impacts: none</p> <p>There will be no transportation activities associated with the projects construction and operation including hauling of raw materials, increases in road traffic and associated emissions that would impact European sites.</p> <p><i>Emissions</i></p> <p>Potential impacts: none</p> <p>There will be no emissions as a result of the proposed works as there are no direct, downstream hydrological or groundwater connections between the proposed site and any watercourses or European sites. This is considered due to the absence of surface waters within the footprint of 1-8 Tyrrell Place, Mountjoy, Dublin 1 and also the low groundwater vulnerability zone at the situation of the proposed development.</p>

Assessment criteria	Consideration of potential impacts
	<p>Furthermore, there will be a decrease (i.e., 33%) in the loading of foul water to the existing public sewer and the foul drainage system onsite will be completely renovated.</p> <p><i>Duration of construction and operation</i></p> <p>Potential impacts: none</p> <p>Duration of works is expected to be short-term only and the operation of the site will be similar to the existing day to day operations pre-development.</p> <p><i>Cumulative impacts</i></p> <p>Potential impacts: none</p> <p>A planning search was conducted on 13th May 2022. No other planned or permitted projects of a scale which could act cumulatively with the proposed development were in the local area. Refer to section 4.4 above on cumulative impacts.</p>
<p>Describe any likely changes to the site arising as a result of:</p> <ul style="list-style-type: none"> • Reduction of habitat area; • Disturbance of key species; • Habitat or species fragmentation; • Reduction in species density; • Changes in key indicators of conservation value; • Climate change. 	<p>There will be no direct or indirect reduction in habitat area or habitat fragmentation within any European site as a result of the proposed development (not within, adjoining or connected to any European site).</p> <p>There will be no predicted impact via disturbance of key species or reduction of key species as a result of the proposed development.</p> <p>There will be no predicted changes in key indicators of conservation value for the European sites within a 15km buffer due to the proposed project.</p>

Assessment criteria	Consideration of potential impacts
<p>Describe any likely impacts on the European site as a whole in terms of:</p> <ul style="list-style-type: none"> • Interference with the key relationships that define the structure of the site; • Interference with key relationships that define the function of the site. 	<p>There are no potential impacts on the key relationships that define the structure or function of any European site considered in this Appropriate Assessment Screening due to the proposed development.</p>
<p>Provide indicators of significance as a result of the identification of effects set out above in terms of:</p> <ul style="list-style-type: none"> • loss, • fragmentation, • disruption, • disturbance, • change to key elements of the site (e.g. water quality etc.). 	<p>No effects will occur and, thus, an indicator of significance to European sites is not required in the context of the proposed development.</p>
<p>Describe from the above those elements of the project or plan, or combination of elements, where the above impacts are likely to be significant or where the scale of magnitude of impacts is not known.</p>	<p>No significant impacts or impacts of unknown scale or magnitude, either alone or in-combination with other projects or plans, are predicted as a result of the proposed development at 1-8 Tyrrell Place, Mountjoy, Dublin 1.</p>

4.7 Stage One Screening Conclusion

In consideration of the best available scientific knowledge, on the basis of objective information specific to the conservation objectives and qualifying interests of the relevant European sites, and by applying the precautionary principal, it **can** be concluded beyond reasonable scientific doubt that the proposed development at 1-8 Tyrrell Place, Mountjoy, Dublin 1, individually or in combination with other plans and projects, will not have a significant effect on a European site within a 15km buffer.

No significant effects on any of European Sites within the zone of potential influence are predicted.

Therefore, the following seventeen European sites have been 'screened out' within the Stage 1: Appropriate Assessment Screening Report:

- South Dublin Bay and Tolka Estuary SPA (004024)
- South Dublin Bay SAC (000210)
- North Bull Island SPA (004006)
- North Dublin Bay SAC (000206)
- Baldoyle Bay SAC (000199)
- Baldoyle Bay SPA (004016)
- Howth Head SAC (000202)
- Rockabill to Dalkey Island SAC (003000)
- Malahide Estuary SAC (000205)
- Malahide Estuary SPA (004025)
- Howth Head Coast SPA (004113)
- Ireland's Eye SPA (004117)
- Glenasmole Valley SAC (001209)
- Ireland's Eye SAC (002193)
- Wicklow Mountains SAC (002122)
- Wicklow Mountains SPA (004040)
- Dalkey Islands SPA (004172)

Consequently, it is recommended to the competent authority that Appropriate Assessment is not required in respect of the proposed development at 1-8 Tyrrell Place, Mountjoy, Dublin 1.

5.0 REFERENCES

- DEHLG (2009, rev 2010). *Appropriate Assessment of Plans and Projects in Ireland. Guidance for Planning Authorities*. Department of the Environmental Heritage and Local Government.
- Mable Consulting Engineers (2022). Drainage Design Report 1-8 Tyrrell Place, Mountjoy, Dublin 1.
- EPA (2013). *Integrated Biodiversity Impact Assessment – Streamlining AA, SEA and EIA Processes: Practitioner’s Manual*. STRIVE Report Series No. 106 EPA STRIVE Programme 2007–2013. Prepared for the Environmental Protection Agency by Ainhoa González.
- European Commission (2000). *Managing Natura 2000 Sites: The Provisions of Article 6 of the Habitat’s Directive 92/43/EEC* (2000 and updated draft April 2015).
- European Commission (2001). *Assessment of plans and projects significantly affecting Natura 2000 sites: Methodological guidance on the provisions of Articles 6(3) and (4) of the Habitats Directive 92/43/EEC*.
- European Commission (2007). *Guidance Document on Article 6(4) of the ‘Habitats Directive’ 92/43/EEC. Clarification of the Concepts of Alternative Solutions, Imperative Reasons of Overriding Public Interest, Compensatory Measures, Overall Coherence. Opinion of the European Commission*.
- European Commission (2018). *Managing Natura 2000 sites: The provisions of Article 6 of the ‘Habitats’ Directive 92/43/EEC*. Commission notice, November 2018.
- Fry & Scott (2011). *Developing IBIA: A standardised AA review package*. In *Impact Assessment and Responsible Development for Infrastructure, Business & Industry: 31st Annual meeting of IAIA, Puebla, Mexico (Vol. 29)*.
- Kelly, J., O’Flynn, C., & Maguire, C. (2013). *Risk analysis and prioritisation for invasive and non-native species in Ireland and Northern Ireland*.
- Möckel, S. (2017). *The European ecological network “Natura 2000” and the appropriate assessment for projects and plans under Article 6(3) of the Habitats Directive*. In: Möckel S (Ed.) *Natura 2000 appropriate assessment and derogation procedure – legal requirements in the light of European and German case-law*. *Nature Conservation* 23: 1–29.
- NPWS (2010). *Appropriate Assessment under Article 6 of the Habitats Directive: Guidance for Planning Authorities*. Circular NPW 1/10 & PSSP 2/10.
- NRA (2009). *Environmental Assessment and Construction Guidelines*. Published by the National Roads Authority.