

Arup

# Carrigaline to Ringaskiddy and Glenbrook Pedestrian and Cycleway, Phase 1 Glenbrook to Raffeen - Section B Monkstown

Habitat Report

P12259

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## 1. Introduction

APEM Ireland was commissioned by Arup in May 2023 to carry out a baseline habitat survey and produce a habitat report on an approx. 400m section of roadway located in Monkstown Co. Cork. The purpose of this report is to update a section of the Ecology report produced by Atkins in July 2016 as part of the planning application process for the development of a pedestrian and cycle route, from Glenbrook to Raffeen, Co. Cork. This scheme will form a part of Cork County Councils (CCC) Cork Lower Harbour Greenway. Since the production of the report in 2016, some upgrades and changes have been made to the existing infrastructure on a section of the route which passes through Monkstown.

## 2. Methods

A baseline habitat survey took place on 19<sup>th</sup> May 2023 in Monkstown Co. Cork. This survey was undertaken to update the previous on site survey carried out in 2013 by Atkins. The survey was undertaken using Fossitt (2000) guidance. The survey was conducted within the recommended survey time for habitat and botanical mapping as defined by the Heritage Council's *Best Practice Guidance for Habitat Survey and Mapping* (i.e. April to the end of September).

Habitats were identified and mapped with their dominant features being noted. Individually important but non dominant features were recorded as point or linear features.

## 3. Existing Environment

### 3.1. Habitats

The entire site is dominated by 1 main habitat; BL3 Buildings and Artificial Surfaces. This includes the R610 road, associated footpaths along the road and car park areas. Secondary, smaller habitats include areas of GA2 Amenity Grassland (Improved) and linear features such as CC1 Sea Walls, Piers and Jetties, BL2 Stone walls and BC4 Flowerbeds and Borders. Some individual trees are also present across the site. The map of these habitats can be seen in Figure 1.

#### 3.1.1. BL3 – Buildings and Artificial Surfaces

The site boundary at the Northern end of the Monkstown site begins on the R610 road which travels through the full length of the site to the southern boundary (Plate 1, Plate 8). For a large portion of the site, the Monkstown carpark runs along the eastern half of the site (Plate 2). The carpark also has 2 small buildings and a recycling and waste collection point (Plate 3, Plate 9). Footpaths run the length of the site along the western site boundary and separating the roadway from the carpark (Plate 7).

#### 3.1.2. GA2 – Amenity Grassland (Improved)

Towards the southern half of the site there are several small areas of amenity grassland (Plate 4, Plate 10).

#### 3.1.3. CC1 Sea Walls, Piers and Jetties

A sea wall runs along the western boundary of the majority of the site (Plate 5).

#### **3.1.4. BL2 – Stone Walls**

Stone walls border the road and footpaths along the majority of the site (Plate 11).

#### **3.1.5. BC4 – Flowerbeds and Borders**

Small flowerbeds and a short border of shrubs are located at the entrance and throughout the carpark (Plate 6, Plate 12).

### **3.2. Significant Species**

#### **3.2.1. Rare plants**

No evidence of any rare plant species listed on Irelands Red List No. 10 (Vascular Plants) were found during the survey of the site.

#### **3.2.2. Invasive Species**

No evidence of any non-native species listed on the third schedule (part 1: Plants) of the European Communities (Birds and Natural Habitats) Regulations 2011 - 2023 were found during the survey of the site.

## References

Atkins (2016). *Development of Pedestrian and Cycle Greenway Glenbrook to Rafeen, Co. Cork. Ecology Report*. Cork County Council.

Fossitt, J. (2000). *A Guide to Habitats in Ireland*. Heritage Council, Kilkenny.

Smith, G.F., O'Donoghue, P., O'Hora, K., Belaney, E. (2011) *Best Practice Guidance for Habitat Survey and Mapping*. Heritage Council, Kilkenny.

Wyse Jackson, M., FitzPatrick, Ú., Cole, E., Jebb, M., McFerran, D., Sheehy Skeffington, M. & Wright, M. (2016) *Ireland Red List No. 10: Vascular Plants*. National Parks and Wildlife Service, Department of Arts, Heritage, Regional, Rural and Gaeltacht Affairs, Dublin, Ireland.

## Plates





**Plate 1: Road at North end of Site.**



**Plate 7: Road with footpaths through Monkstown.**



**Plate 2: Monkstown Carpark.**



**Plate 8: Road at South end of Site.**



**Plate 3: Public toilets and small building.**



**Plate 9: Electrical building and recycling area.**



**Plate 4: Amenity grassland area.**



**Plate 10: Amenity grassland area.**





**Plate 5: Seawall.**



**Plate 11: Stonewall.**



**Plate 6: Flowerbed.**



**Plate 12: Flowerbed.**

## Figures

**Figure 1: Habitat Map of Monkstown Village.**





Habitat Map

**Legend**

Linear features

- BL2 Stone Walls
- Individual trees
- BC4 Flowerbeds & borders

Habitats

- GA2 Amenity grassland (improved)
- BL3 Buildings and artificial surfaces
- CC1 Sea walls, piers & jetties
- Monkstown Redline Site Boundary

**Notes**

Basemap: Contains Open Source Data (Bing Aerial 2023 Microsoft)

Coordinate System:  
IRENET95 / Irish Transverse  
Mercator

0 0.09 0.18 km

0 0.02 0.04 NM

Scale: 1:3306 @ A4 Date: 22/06/2023 Drawn by: ROM Checked by: RC Approved by: RC

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**Figure 1.0**