

**Byrne Environmental**  
CONSULTING LTD

*ENVIRONMENTAL MONITORING, ASSESSMENT & MANAGEMENT  
Acoustics, Air Quality, Environmental Impact Assessment  
& Waste Management Specialists*

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**MEMO ON RFI ITEM 2(F) PREPARED BY ALTU**

**FOR**

**CAIRN HOMES PROPERTIES LTD  
45 MESPIL ROAD  
DUBLIN 4**

**RELATING TO A PROPOSED  
RESIDENTIAL DEVELOPMENT**

**AT**

**CLONBURRIS SDZ  
PHASE T2**

17<sup>th</sup> July 2023



**Ian Byrne MSc, MIOA, Dip Environmental & Planning Law**

The OWMP prepared by Byrne Environmental Consulting Ltd included the calculation of the domestic and non-domestic waste that would be generated by the fully occupied development.

Accordingly, shared/communal bin store spaces were defined in conjunction with the Project Architect to accommodate weekly waste volumes as included in the OWMP.

It is noted that ALTU have prepared an alternative waste management proposal in response to RFI Item 2(f) and comments are presented below.

ALTU have proposed that underground waste storage containers and compactors for "general waste and recycling" are included to replace 4 of the original domestic communal bin storage areas.

There are no details or technical specifications provided to define the capacity of each of the proposed units thus their capacity cannot be ascertained.

There is a requirement in the OWMP based on *The Department of Housing, Planning and Local Government – Sustainable Urban Housing : Design Standards for New Apartments – Guidelines for Planning Authorities* that domestic waste is segregated at source into 3 streams i.e. recyclable, non-recyclable (mixed waste) and organic waste.

The ALTU proposal does not refer to the suitability of the underground waste storage containers for organic waste, thus there may still be a requirement for organic waste to be bulk stored in a communal bin store.

It is accepted that the underground container systems are commonly used in European countries but their use in Ireland is not established.

In order for such systems to be viable, it is necessary that a waste collection contractor has the specialist vehicles to service (empty) the underground containers and the expertise to maintain the compactor systems. Research into this matter has not identified any waste operator in Dublin provides such underground waste container management services.