

Project Number: 22_112

Project: Unit 1, M50 Business Park

Title: SuDS Management Plan Report



Clifton Scannell Emerson
Associates

Appendix D Confirmation of Feasibility (CoF)

Appendix E SuDS O&M Plan

Surface Water Operation and Maintenance (O&M) Activities

All operation and maintenance activities should be in accordance to the following guidelines:

- Greater Dublin Strategic Drainage Study GSDSDS- Volume 3 – Environmental Management
- CIRIA 2015SuDS Manual, Part E - Chapter 32

Considerations for surface water O&M:

Requirement	Assessment/Action
Maintenance access – ensuring appropriate and long-term access to all points in the system where future maintenance may be required	A standard minimum of 600mm diameter opening is provided for all manhole, chambers and treatment system. Removable gullies grate opening with a minimum size of 450mm X 320mm.
Bypass systems or appropriate temporary drainage infrastructure for use if required during sediment management or other maintenance activities.	Not required
The availability of disposal areas for organic arisings (green waste) and sediments.	To be included as part of maintenance contract of the development

Types of SuDS systems used that require O&M activities:

- **Permeable Paving**
- **Green Roofs**
- **Attenuation Storage**

O&M activities required as following:

Operation and maintenance activities	SuDS Component			
	Permeable Paving	Green Roofs	Attenuation Storage	Rain Garden
O&M Activities				
Regular maintenance				
Inspection	■	■	■	■
Litter/debris removal	■		□	■
Grass cutting	□		□	
Weed/invasive plant control	□	■		■
Shrub management	□			
Shoreline vegetation management				
Aquatic vegetation management				
Occasional maintenance				
Sediment management	■		■	
Vegetation/plant replacement		■		■
Vacuum sweeping and brushing	■			
Remedial maintenance				
Structure rehabilitation/repair	□	□	□	
Infiltration surface reconditioning	□			
	■ Will be required □ May be required			