

Suffolk SuDs Palette (SSP) - Guidance

1.0 Introduction

Suffolk County Council, as the local lead flood authority and Anglian Water Services have jointly developed the Suffolk SuDs Palette (SSP) to guide developers and landscape architects to develop landscape management plans in keeping with the landscape characteristics of Suffolk.

Landscape planting should be done to both replicate existing habitat, provide treatment of the surface water, offer biodiversity and amenity value.

However, the planting should also be done to recreate new habitat where appropriate so that it is adaptable to climate change with Suffolk.

This document should be read in conjunction with the Ciria SuDs Manual C753 chapter 29 Landscape.

Table 1

Suds Palette - Residential Development (Under 250 dwellings)	
Suds Features	
Basins, Sediment Forebay and Swales	Fescues or Bent grasses (80% plus) and Wildflower Seed (20% or less ¹) – Wet or dry
Shallow Pond & Wetlands (Max 0.5m depth)	To be designed by landscape architect and ecologist
Tree Pits ²	Bespoke design on a site by site basis, Greenblue Urban or similar
Rain Gardens	Bespoke design on a site by site basis

Table 2

Suds Palette - Commercial Development & Residential Development (250 dwellings and over)	
Suds Features	Planting Details
Basins, Sediment Forebay and Swales	Fescues or Bent grasses (80% plus) and Wildflower Seed (20% or less ¹) – Wet or dry
Shallow Pond & Wetlands (Max 0.5m depth)	To be designed by landscape architect and ecologist
Tree Pits ²	Bespoke design on a site by site basis, Greenblue Urban or similar
Bioretention Area	Norfolk Reed (100%)

¹ Fescue bent grass mix required additional wildflowers preferred

² Cannot currently be model in XP Microdrainage

Wet Woodland	To be designed by landscape architect and ecologist, and is subject to ground conditions
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2.0 Management and Maintenance

It is important that a landscape and SuDs management and maintenance plan is produced to ensure that the features above are managed and maintenance to correctly.

The plan should clearly demonstrate who will manages what, when and how they will maintain it. The plan also needs to demonstrate that a five-year establishment period has been allowed for as part of the design.

The plan should include details on how the waste material is recycled or disposed of responsibility.

3.0 Anglian Water Adoption Criteria

Anglian Water will consider the adoption of SuDS provided they meet our criteria and SuDS S104 standards. AW will adopt SuDS features that are constructed primarily for the purpose of draining buildings and appurtenant yards, and designed according to the National SuDS Guidance, CIRIA C753.

Anglian Water is already aligned with the upcoming changes to the adoption of SuDs as sewers by Water and Sewerage Companies, following the approach outlined in the non-technical guide on the potential adoption of SuDs as sewers, found on the WaterUK website here: https://www.water.org.uk/wp-content/uploads/2019/01/D-HR2-S_1556-AW-Sewers-for-Adoption-report.pdf

Anglian Water will adopt SuDs features that are designed and constructed, with our joint engagement, to the criteria within the CIRIA C753 Manual; specifically, Developers must be able to demonstrate:

- Effective upstream source control measures;
- Effective SuDs conveyance design;
- Effective SuDs volume control measures;
- Effective exceedance design; and
- Effective maintenance schedule demonstrating that the assets can be maintained both now and in the future with adequate access; and
- Accompanied by a RoSPA risk assessment to demonstrate all safety considerations are included in final design

Anglian Water will only adopt SuDs schemes that enhance the development and providing the full benefits of SuDs including amenity and biodiversity. We will not consider end of pipe or 'pipe to box' designs under our SuDs S104 adoption process.

If the applicant would like Anglian Water to consider adopting any on-site SuDs, the Expression of Interest form, available on our website, should be completed as soon as possible: <http://www.anglianwater.co.uk/developers/suds.aspx>