

# SuDS Maintenance Certificate

**Ref:** 14325

**Date:** 05/03/2020

**Subject:** Kingspark – SuDS Maintenance Certificate and Schedule

## Introduction

The proposed SuDS for the proposed housing development at the above development comprises a detention basin for treatment and attenuation, with restricted discharge rate to an existing culverted watercourse in Gillburn Road. Drawing 14325/02/001 'Q' refers, which has been conditionally approved by Scottish Water.

## Maintenance Responsibility

As agreed during previous meetings with Scottish Water and Dundee City Council, the detention basin will be offered for vesting in Scottish Water, with shared maintenance with Dundee City Council.

## Maintenance Schedule

In addition to any site specific Scottish Water / Dundee City Council maintenance requirements, Table 22.1 of CIRIA C753, The SuDS Manual is included below:

TABLE 22.1 Operation and maintenance requirements for detention basins		
Maintenance schedule	Required action	Typical frequency
Regular maintenance	Remove litter and debris	Monthly
	Cut grass – for spillways and access routes	Monthly (during growing season), or as required
	Cut grass – meadow grass in and around basin	Half yearly (spring – before nesting season, and autumn)
	Manage other vegetation and remove nuisance plants	Monthly (at start, then as required)
	Inspect inlets, outlets and overflows for blockages, and clear if required.	Monthly
	Inspect banksides, structures, pipework etc for evidence of physical damage	Monthly
	Inspect inlets and facility surface for silt accumulation. Establish appropriate silt removal frequencies.	Monthly (for first year), then annually or as required
	Check any penstocks and other mechanical devices	Annually
	Tidy all dead growth before start of growing season	Annually
	Remove sediment from inlets, outlet and forebay	Annually (or as required)
	Manage wetland plants in outlet pool – where provided	Annually (as set out in Chapter 23)
Occasional maintenance	Reseed areas of poor vegetation growth	As required
	Prune and trim any trees and remove cuttings	Every 2 years, or as required
	Remove sediment from inlets, outlets, forebay and main basin when required	Every 5 years, or as required (likely to be minimal requirements where effective upstream source control is provided)
Remedial actions	Repair erosion or other damage by reseedling or re-turfing	As required
	Realignment of rip-rap	As required
	Repair/rehabilitation of inlets, outlets and overflows	As required
	Relevel uneven surfaces and reinstate design levels	As required

## **Maintenance Certificate**

Appendix 5 of Dundee City Council's SuDS Design Criteria Guidance Note is included below.



### **APPENDIX 5**

#### **DUNDEE CITY COUNCIL CITY DEVELOPMENT DEPARTMENT**

#### **CONFIRMATION OF FUTURE MAINTENANCE OF SUSTAINABLE DRAINAGE APPARATUS**

I hereby confirm that the future maintenance of the Sustainable Drainage Apparatus as detailed below and on the approved construction drawing numbered .....14325/02/001'Q'..... will be carried out in accordance with the attached maintenance schedule, by the undernoted organisation.

Name of Development: Former Kingspark Primary School, Dundee

Name of Developer: Persimmon Homes North Scotland

Planning Application No: 17/00765/FULL

Roads Construction Consent No: CC19/13

Name and address of maintenance organisation (including contact telephone number and e-mail address):

Telephone: \_\_\_\_\_ E-mail: \_\_\_\_\_

Scottish Water / Dundee City Council under site specific Section 7 agreement

Details of sustainable drainage apparatus to be maintained:

Detention basin, including inlet and outlet headwalls, flow control device

Signed: \_\_\_\_\_

Name: \_\_\_\_\_

Position Held: Associate Director

Name and Address of Organisation: Millard Consulting, Seabraes, 18 Greenmarket, Dundee

Date: 05/03/2020