

## WATER QUALITY DEVICES (WSUD) MAINTANENCE SCHEDULE

**No.104-108 LETHBRIDGE STREET, PENRITH**

**JOB REF. E293145**

**DATE: 07TH MAY, 2019**

**PREPARED BY: RAMANDEEP SINGH**

**APPROVED BY: SCOTT SHARMA**

**SIGNED**



## BIOFILTRATION SWALE

MAINTENANCE ACTION	FREQUENCY	RESPONSIBILITY	PROCEDURE
Remove blockages from grass treatment area.	As Required	Maintenance Contractor	Remove any sediment/trash from the grass treatment area of the bio-filtration swale.
Inspect for standing water.	As Required	Maintenance Contractor	Ensure swale is free of blockages, is level and drains freely towards outlet.
Inspect vegetation	As Required	Maintenance Contractor	If grass is sparse, plugs of grass from the upper slopes are to be replanted at the base of the swale into loosened, fertile soil.
Maintain Vegetation Height	As Required	Maintenance Contractor	If vegetation exceeds a height of 0.2m, carefully mow to no less than 0.1m height. Grass clippings are to be removed.
Inspect inlet/outlet	As Required	Maintenance Contractor	Screens of inlet pits in swale ARE to be checked for blockages and debris REMOVED.

## BIORETENTION BASIN

MAINTENANCE ACTION	FREQUENCY	RESPONSIBILITY
<b>INSPECTION OF BASIN</b>		
Check for Sediment accumulation at inflow points	Every 3 Months	Maintenance Contractor
Check for Litter within basin	Every 3 Months	Maintenance Contractor
Check for Erosion at inlet pit	Every 3 Months	Maintenance Contractor
Check for Traffic damage	Every 3 Months	Maintenance Contractor
Check for Evidence of dumping	Every 3 Months	Maintenance Contractor
Check Vegetation condition satisfactory	Every 3 Months	Maintenance Contractor
Check if Replanting required	Every 3 Months	Maintenance Contractor
Check if Mowing required	Every 3 Months	Maintenance Contractor
Check for Clogging of subsoil drainage points	Every 3 Months	Maintenance Contractor
Check for Evidence of ponding	Every 3 Months	Maintenance Contractor
Check for Damage/vandalism to structures	Every 6 Months	Maintenance Contractor
Check for visible Surface clogging	Every 6 Months	Maintenance Contractor
Inspect drainage system	Every 6 Months	Maintenance Contractor
Inspect outlet pipe and remove any blockage	Every 6 months	Maintenance Contractor
Repair Eroded Areas	Every 3 Months	Maintenance Contractor
Remove Plant Litter	Every 6 Months	Maintenance Contractor
Add new mulch	Every 12 Months	Maintenance Contractor
Replace stake wires for plants if needed	Every 12 Months	Maintenance Contractor

**STORMWATER 360 - ENVIROPODS**

MAINTENANCE ACTION	FREQUENCY	RESPONSIBILITY	PROCEDURE
<b>STORMFILTER UNIT</b>			
Check filter screens for corrosion	Annually	Maintenance Contractor	Remove pollutant trap lid and examine screen for rust or corrosion, especially at corners or welds. Replace screen if necessary with correct proprietary screen.
<b>REFER TO ATTACHED OPERATION AND MAINTENANCE MANUAL FROM STORMWATER 360 AUSTRALIA</b>			
<b>ENVIROPOD</b>			

# **Appendix A: Stormwater 360 - Stormfilter/Enviropod Operations & Maintenance Guidelines**