

HENRY & HYMAS

Level 5, 79 Victoria Avenue CHATSWOOD NSW 2067
Ph: +61 2 9417 8400 **Fx:** +61 2 9417 8337 **E-mail:** email@hhconsult.com.au **Web:** www.henryandhymas.com.au

MAINTENANCE SCHEDULE

MAINTENANCE ACTION	FREQUENCY	RESPONSIBILITY	PROCEDURE
Enviropod Pit Baskets			
	(Refer to SW360 maintenance schedule/handbook)	Owner/Maintenance Contractor	(Refer to SW360 maintenance schedule/handbook)
Grass Lined Swale(s)			
Sediment deposition	Three monthly or after heavy rain	Maintenance Contractor	Remove sediment build up from swale and in and around trees
Holes or Scour	Three monthly or after heavy rain	Maintenance Contractor	Infill any holes in the turf/grass area. Check for erosion or scour repair. Provide energy dissipation (eg. Rocks and pebbles at inlet) if necessary.
Litter Control	Three monthly or as desired for aesthetics	Maintenance Contractor	Check for litter (including organic litter) in and around the swale area. Remove both organic and anthropogenic litter to ensure flow paths is maintained.
Pests and diseases	Three monthly or as desired for aesthetics	Maintenance Contractor	Assess plants for disease, pest infection, stunted growth or senescent plants. Treat or replace as necessary. Reduced plant density reduces pollutant removal and performance
Maintain original plant densities	Three monthly or as desired for aesthetics	Maintenance Contractor	Infill planting – between 6 and 10 plants per square metre should be adequate (depending on species) to maintain a density where the plants' roots touch each other. Planting should be evenly spaced to help prevent scouring due to a concentration of flow.
Weeds	Three monthly or as desired for aesthetics	Maintenance Contractor	Inspect for and manually remove weed species. Application of herbicide should be limited to a wand or restrictive spot spraying due to the fact that the swale is directly connected to the waterways.
Inspection after rainfall	Twice a year after rain	Maintenance Contractor	Occasionally observe the swale system after a rainfall event to check infiltration. Identify signs of poor drainage (extended ponding). If poor drainage is identified, check land use and assess whether it has altered from design capacity (eg. Unusually high sediment loads may require installation of a sediment forebay).

MAINTENANCE ACTION	FREQUENCY	RESPONSIBILITY	PROCEDURE
Stormwater Pits, Grated Drains and Pipes			
Pits, grated drains and pipes around the site	Annually	Maintenance Contractor	Check pits, grated drains and pipes for blockages. Remove debris and flush pipes if required.
Check step irons for corrosion	Annually	Maintenance Contractor	Remove grate. Examine step irons and repair any corrosion or damage.
Check fixing of step irons is secure	Six monthly	Maintenance Contractor	Remove grate and ensure fixings secure prior to placing weight on step iron.
Rainwater Sprinkler Tank			
Refer to manufacturer or tank suppliers recommendations	As per suppliers recommendations	Maintenance Contractor	As per suppliers recommendations

Yours sincerely,



Tom Dempsey

For, and on behalf of,
H & H Consulting Engineers Pty Ltd

Our Ref: 17D83/td

Date: 07/02/18