4.3.3.1 Grips and Counterfort Drains

* Clear weed/vegetation growth and debris, clear, recut drainage Grip inlet and non-piped drainage Grip

|  |  |
| --- | --- |
|  | * Comply with specifications for the drainage asset as set out in relevant parts of MCHW [Ref 26.N]. * Minimise pollution risk in accordance with GS 801 [Ref 2.N] and LA 113 [Ref 32.N]. * Contractor to control drainage waste arisings such that they comply with legislation at the point of disposal. * Provide drainage and service ducts cyclic and repair maintenance delivery of activity data in accordance with the requirements of the ADMM [Ref 1.N]. * In delivering a drainage and service ducts cyclic or repair maintenance activity, report problems or potential problems of the asset type and of other asset * types to the client for consideration. * Make recommendations to the client to optimise the delivery of the drainage and service ducts cyclic and repair maintenance activities to minimise non-value adding elements.   (GM 701 – PG76) |

# maintenance requirements

* Drainage grips shall be cut and maintained across verges such that free flow of water off the carriageway shall not be impeded and water does not stand on the carriageway adjacent to the drainage grip.
* Care shall be taken not to disturb the soil beneath or alongside the drainage grip.
* The cutting of new drainage grips shall be to the profiles required to allow for the discharge of surface water from the carriageway.
* All arisings from the cutting of new drainage grips shall be removed to a licensed disposal facility unless it is appropriate to spread and level the arisings on the verge. Any arisings that are spread on the verge, will be spread only on the right hand side of the drainage grip.
* The cleaning frequency of grips and counterfort drains shall be carried out in accordance with GM701-ADAMR.

(M&RC-SPEC PG21)

* Clear/re-cut grips and counterfort drains, clear weed growth and debris to be completed every 2 years.

(GM 701 – PG73)

# UNIT / MEASUREMENT / ITEMISATION

* The units of measurement shall be:

(iv) clear weed/vegetation growth and debris, clear / recut drainage Grip inlet and non-piped drainage Grip and counterfort drain……number.

(v) clear weed/vegetation growth and debris, clearing, rodding, jetting and proving of drainage Grip inlet and piped drainage Grip ……number.

* Separate items shall be provided for emptying, clearing, cleaning, low pressure/high volume jetting and proving, weed and vegetation clearance, rubbish / debris / litter / obstruction clearance, silt removal, edge scraping, cutting back, weed spraying, re-cutting, de-silting, cycling, high pressure rotating jetting and powerful suctioning of gullies, gully covers, combined kerb and drainage systems, linear drainage systems, combined channel and pipe systems, catch pits, ditches, outfalls, interceptors, manholes, culverts, filter drains, balancing/attenuation ponds, ancillary items, swales, basins, grassed surface water channels, reservoir pavements and wetlands for drainage purposes in accordance with Chapter II paragraphs 3 and 4 and the following:

Group Feature

I 1 Sub-Asset Type.

II 1 Item.

(MOM Schd. B Issue 7 PG18/19)

# additional information

* The measurement of gully emptying and clear covers, clear covers, clear weed/vegetation growth and debris, clean, recut drainage Grip inlet and non-piped drainage Grip, clear weed/vegetation growth and debris, clean, recut counterfort drains, clear weed/vegetation growth and debris, cleaning, rodding, jetting proving of drainage Grip inlet and piped drainage Grip, clear weed/vegetation growth, silt and debris around frames, clean, empty catch pits, clear weed/vegetation growth, silt and debris around frames, clean, empty interceptors, clear weed/vegetation growth around frames, clear manholes by removing all material that could impair operation, clear outfalls by removing all material that could impair operation (Headwalls, Pipe outfall), clear / remove any blockage (silt, overgrown vegetation / weed, debris/rubbish, eroded bank material) restricting the free flow of water through the culvert, Cycle isolation valves of balancing / attenuation ponds to ensure valve functionality and Clear ancillary items (PCDs, siphons trash screens, penstocks) by removing all material that could impair operation to ensure assets are fit for operation shall be the number of assets within which the item is carried out.