

STORMWATER DRAINAGE POLICY NO 1 – OUTFALL DRAINAGE

PURPOSE

- 1 To minimise the risk of damage through flooding in the municipality.

OBJECTIVE

- 2 To ensure all developed properties have an approved drainage discharge system.

SCOPE

- 3 This policy will apply to all building and development applications for factory, warehouse, shop, consulting rooms, retirement village, dwelling units and any other development subject to a town planning or building permit within the City of Whitehorse.

POLICY

- 4 **APPLICANT** to design and construct an outfall drain using pipes of sufficient size to accommodate the total catchment area applicable to the drain to plans and specifications approved by the Manager Engineering Services. The drain is to discharge to an existing Council drain at a point nominated by the Manager Engineering Services.
- 5 If the proposed development is a domestic house or dual occupancy and the fall of the land is to a roadway, the Applicant has the option to convey the stormwater to the kerb and channel or swale drain as directed by the Manager Engineering Services.
- 6 **DESIGN CRITERIA**
Equivalent Area = Total impervious area allowed under relevant zoning.
Stormwater Flood Frequency - 10 years.
Time of Concentration - 5 minutes minimum.
Pipe Size - 150mm diameter minimum in easements and 225 mm in roadways
Pipe Type - Fibre Reinforced Cement Class '2' Rubber Ring Joints or
Reinforced Concrete Class '2' Rubber Ring Joints

Pipe Flow Chart - Hardie's Non Pressure using Manning's Equation $n = 0.011$
Rocla Non Pressure using Manning's Equation $n = 0.011$
- 7 **COUNCIL** to contribute \$60 per lineal metre to the main outfall drain in excess of 10 lineal metres required external to the site. The claim for Council contribution must be lodged by the Applicant within 3 months of the issue of the Building Approval. The contribution will only be paid after the satisfactory completion of the works and the expiry of the Contractor's 3 months maintenance period.

OR

- 8 **APPLICANT** refused a Statement of Compliance until such time as a drain is installed under Section 163 of the **Local Government Act** to service the total catchment in which the allotment falls.
- 9 **COUNCIL** to undertake the preparation of a drainage scheme under Section 163 of the **Local Government Act** to service the catchment in which the allotment falls.

REVIEW

- 10 This policy is to be reviewed and included in a Planning Scheme Amendment.