



**BALRANALD SHIRE COUNCIL**

**STORMWATER  
MANAGEMENT PLAN**



## **Stormwater Management Services**

The NSW Government amended the Local Government Act in October 2005 to allow councils the option of levying a stormwater management service charge. Amendments to the Local Government (General) Regulations 2005 provide supporting detailed requirements of this charge. These amendments came into force in April 2006.

The provision of this new funding mechanism is to improve the management of urban stormwater in NSW and build in the achievements of the former NSW Stormwater Trust projects. Also the levying of this charge is outside the rate capping arrangements.

Stormwater management can be broadly defined as managing the quantity and quality of stormwater runoff from a catchment with the aim of:

- Minimising stormwater impacts in aquatic ecosystems;
- Minimising flooding impacts; and
- Utilising stormwater as a water resource.

Councils can apply the charge to parcels of rateable land categorised as residential or business under the Local Government Act within an urban area, that benefit from the proposed new/additional stormwater management services.

Urban land exempt from the charge includes:

- Public land, such as:
  - Crown land;
  - Council-owned land, and
  - Land held under a lease for private purposes granted under the *Housing Act 2001* or the *Aboriginal Housing Act 1998*;
- Vacant land, as in land containing no buildings, car parks or large areas of material such as concrete (i.e. no impervious surfaces); an
- Rural residential or rural business land (i.e. land not located within a village, town or city)
- Land belonging to charities and public benevolent institutions.

## **Stormwater Management Strategy**

### **Objective**

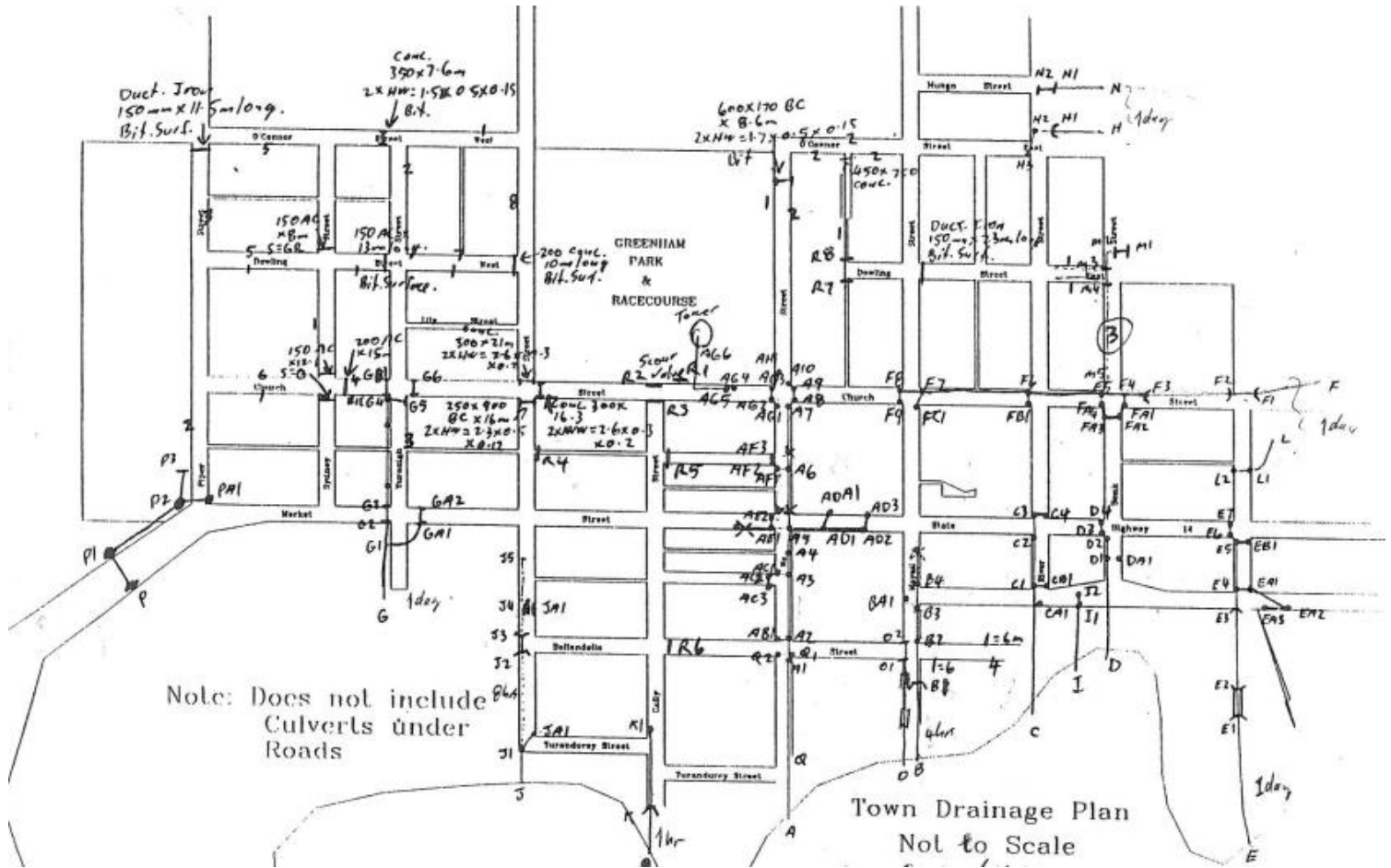
- To describe the existing storm water systems in Balranald Shire Council
- To plan a strategy and identify procedures to be put in place to provide the required storm water systems and service levels for the Council
- To list technical data relating to the various systems and associated service levels
- To recommend a strategy and management plan
- To describe works to be provided as part of Councils rating strategy

### **Existing Systems**

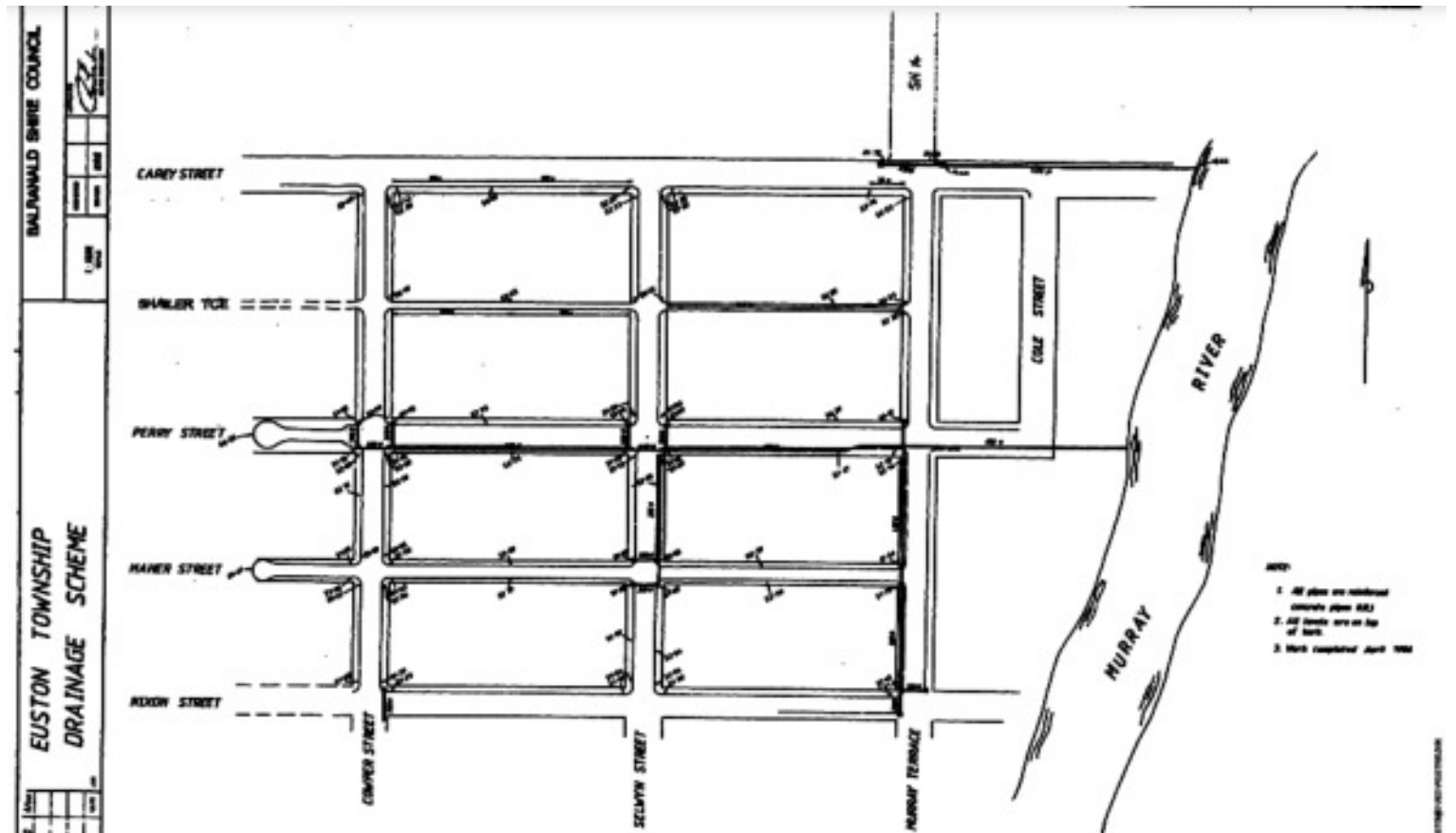
The Balranald system consists of numerous culverts, open drains and outfalls to low lying areas or the Murrumbidgee River. The North Balranald scheme outfalls to the Murrumbidgee at Turandurey Street Pumping station.

Euston system consists of 3 catchments all discharging to the Murray River.

Balranald Town Drainage



## Euston Town Drainage Completed 1986



### Storm water Design

General design guidelines call for systems to be capable of taking a 1:5 year frequency for Rural and Residential Areas and a 1:10 year frequency for Industrial areas as well as provide a surcharge path for frequencies of 1:100 years. The surcharge path is generally the road system. Eg. The road will be flooded but property remains dry. Building regulation provides for habitable property floor levels to be a minimum of 300mm above highest road level.

It is not practical or cost effective to provide for events greater than the 1:5 year for Residential Areas and anything greater will produce flooding to some degree. Any system designed prior to 2000 will not necessarily comply with the above. Eg. Most of Balranald and Euston.

### Stormwater Works

Works for the immediate future will conform with existing budgets and Council's Stormwater Asset Management Plan.