

## COMPREHENSIVE DISCHARGE REGISTER

**CWR NO:** 105, 107, 108

**TITLE:** West Manurewa Catchments - Burbank, Manukau View and Maplesden.

**WATER RIGHT/RESOURCE CONSENT No.**

**COMPREHENSIVE DISCHARGE CONSENT No.**

**EXPIRY DATE:**

**CATCHMENT SIZE: 226 ha.**

**POINT OF DISCHARGE:** Refer below.

**PEAK DISCHARGE:** Refer below.

Outfall No.	Catchment Area (ha)	Peak Flow, m <sup>3</sup> /s (1% AEP)
Burbank Catchment A	0.5	0.2
B	121	18
Manukau Views Catchment C	20.8	5
D	5.3	2
E	4	1
F -	15.8	5.5
G	3.1	1
Maplesden Catchment H	60.3	14

**PRIMARY DESIGN STANDARD:** 20% AEP.

**SECONDARY DESIGN STANDARD:** 1 % AEP.

**FLOOR LEVEL RESTRICTION:**

At least 0.5m above 1% AEP, or refer to the Land Information Register or refer to the Proposed District Plan (Section 9.9.1.2 (c) ), whichever is the more rigorous.

\*Refer to Financial Contributions Register for updated figures.

**OTHER CONDITIONS:**

- Open channels to remain where practicable.

**COMPREHENSIVE DISCHARGE CONSENT LEVY:** N/A\*

**S.W. QUALITY LEVY:** N/A\*

**PROPOSED WORK:** Refer to attached Management Plan.

**COST:** \* \$180,000 (excluding both design cost and GST), as at Aug. 1995.

**COMMENTS:**

- The impervious areas assumed for each catchment are as follows:

Catchment	Ultimate Impervious Cover (as used in the model)
Burbank	45%
Manukau Views	38%
Maplesden	37%

*Diagrams Included:* Management Plan Flood Hazard Map

\*Refer to Financial Contributions Register for updated figures.

NOTE: Numbers indicate Priority  
Costs are indicative only  
and do not include design

Gross Pollutant Trap to collect debris and litter prior to discharge  
Cost \$25,000 each 3

Water Quality Marsh  
Construct marsh to filter stormwater pollutants from low stormwater flows  
Cost \$40,000 2

Watts Road Pond  
Form high level channel through School field, raise two houses to provide habitable floor protection in major floods  
Cost \$60,000 1

Additional high level stormwater inlets in low point of Moncrieff Avenue  
Cost \$5,000 2

Building Controls for  
- Floor level height  
- Protection of overland flowpaths throughout catchments 1



Gross Pollutant Trap to collect debris and litter prior to discharge  
Cost \$25,000 3

WEST MANUREWA CATCHMENTS  
Management Plan Priorities



FIG 3

Flood Hazard Map  
WEST MANUREWA CATCHMENTS

NOTE - ALL OVERFLOWS ARE FOR A 1% AEP STORM  
AND THE MOST PROBABLE FUTURE  
FULLY DEVELOPED SUBURB



BURBANK  
CATCHMENT

MAPLEDEN  
CATCHMENT

MANUKAU VIEWS  
CATCHMENT



FIG 8

