

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 ³ /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

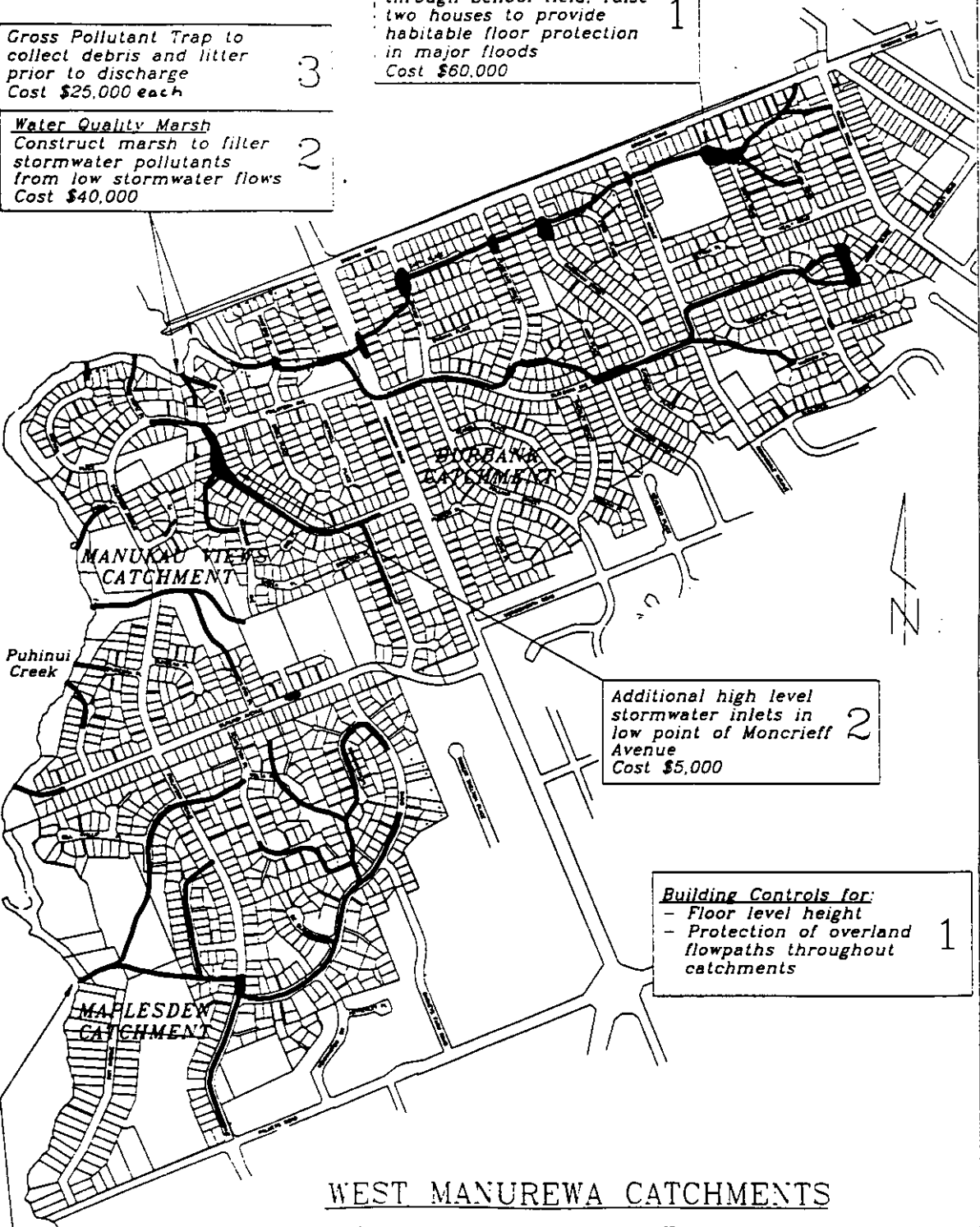
Water Quality Marsh
Construct marsh to filter stormwater pollutants from low stormwater flows
Cost \$40,000 2

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



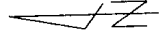
WEST MANUREWA CATCHMENTS
Management Plan Priorities



FIG 3

Flood Hazard Map WEST MANUREWA CATCHMENTS

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



BURBANK
CATCHMENT

MAPLEDEN
CATCHMENT

MANUKAU VIEWS
CATCHMENT



FIG 8

