

COMPREHENSIVE DISCHARGE REGISTER

CWR NO.4

TITLE: East Tamaki/Point View Drive.

WATER RIGHT/RESOURCE CONSENT No.917825

COMPREHENSIVE DISCHARGE CONSENT No.14/10/Be7825

EXPIRY DATE: 31 Dec. 2003

CATCHMENT SIZE: 711 ha.

POINT OF DISCHARGE: Pakuranga Creek, NZMS 260 R11 800735

PEAK DISCHARGE: 73 m³/s (1% AEP).

PRIMARY DESIGN STANDARD: 20% AEP.

SECONDARY DESIGN STANDARD: 1% AEP.

FLOOR LEVEL RESTRICTION:

1m above 1% AEP, or refer to the Proposed District Plan (Section 9.9.1.2 (c)), **whichever is the more rigorous.**

OTHER CONDITIONS:

- Open channels to remain where practicable. Watercourses should not be piped unless compelling environmental, engineering, landscape or safety benefits can be demonstrated.
- Stormwater quality: Best Management Practices required.
- Erosion along stream channels should be minimised. Where applicable existing vegetation should be protected, new vegetation should be planted, rock lining should be used.

COMPREHENSIVE DISCHARGE CONSENT LEVY: \$394 per ha.*

S.W. QUALITY LEVY:

Dependant on zoning. Refer to LDC File 6288 FC3 for current levy.*

*Refer to Financial Contributions Register for updated figures.

PROPOSED WORK:

Water quality ponds to be provided to service catchment.

COST:*

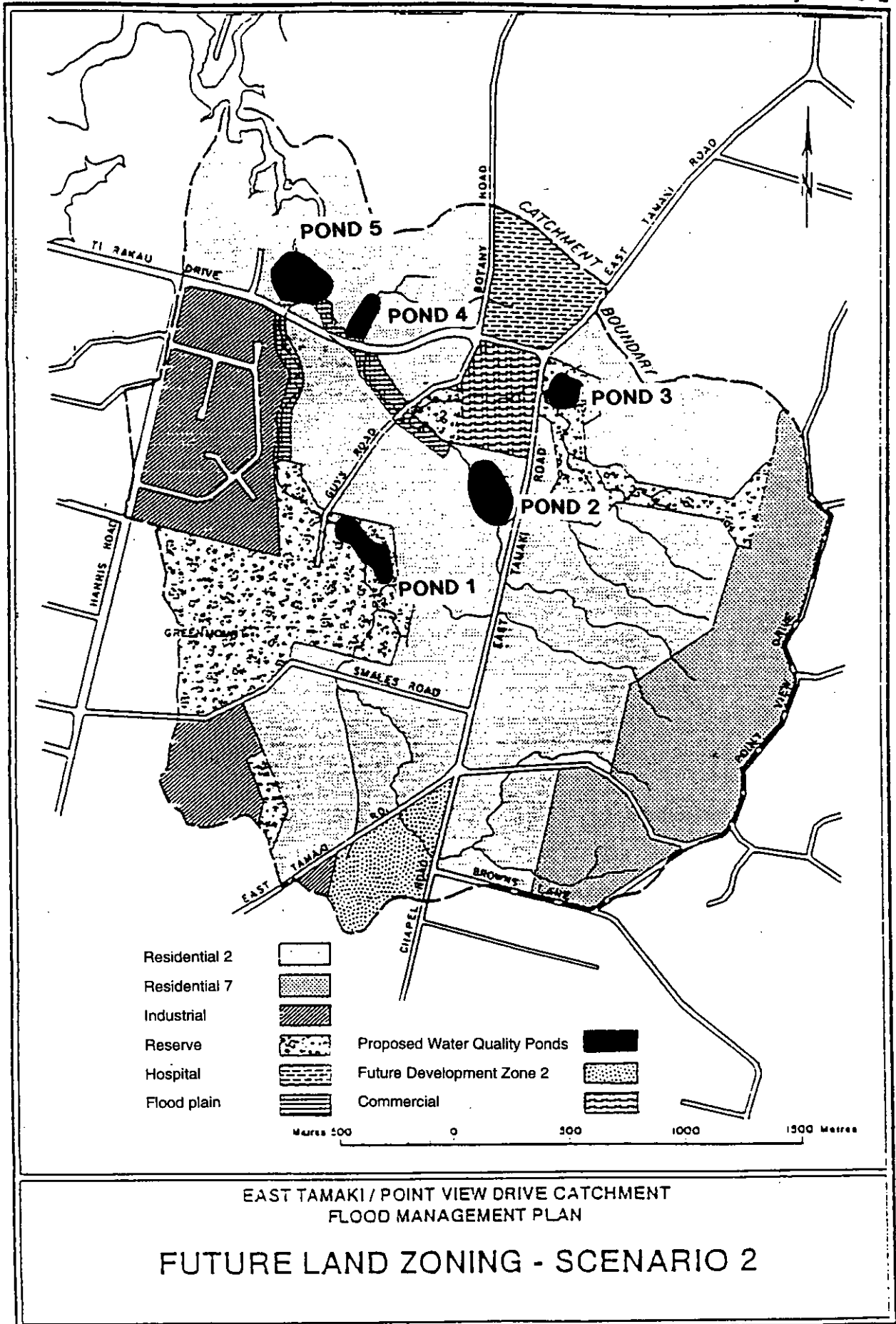
Pond	Cost \$ as at September 1995 (excl. GST)
Pond 1	
Works	932,938
Land	257,200
Planting	190,950
Design, testing, admin.	114,298
<i>Total</i>	<i>1,495,386</i>
Pond 2	
Works	329,208
Land	88,000
Planting	91,180
Design, testing, admin.	42,951
<i>Total</i>	<i>551,339</i>
Pond 3	
Works	310,920
Land	115,200
Planting	103,800
Design, testing, admin.	42,510
<i>Total</i>	<i>572,430</i>
Pond 4	
Works	795,900
Land	172,800
Planting	180,673
Design, testing, admin.	99,464
<i>Total</i>	<i>1,248,837</i>
Pond 5	
Works	254,400
Land	90,000
Planting	162,700
Design, testing, admin.	40,810
<i>Total</i>	<i>547,910</i>

COMMENTS:

- The zoning on the map was used for modelling, any significant change to zoning would require reassessment of the model. It is recommended that the steeper parts of the catchment between East Tamaki Road and Point View Drive be zoned for medium to low density residential zoning.
- A stream flow monitoring site should be set up and the rainfall gauge re-established in the adjacent Otara Stream/Flat Bush catchment by the MCC.

Diagrams Included: Future Land Zoning - Scenario 2.
Extent of Flooding Under 1% AEP Flood Event - Maps 1 and 2.

*Refer to Financial Contributions Register for updated figures.



MAP 1
 EAST TAMAKI/POINT VIEW DRIVE CATCHMENT
 FLOOD MANAGEMENT PLAN
 EXTENT OF FLOODING
 100 YEAR STORM UNDER SCENARIO 2

- Cross section
- Maximum water level (E.3)
- Flood plain

0 100 200 300 400 500 600 Meters

